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WAGES AND HOURS OF LABOR SERIES

WAGES AND HOURS OF LABOR  
IN COTTON-GOODS MANUFACTURING AND FINISHING, 1918



NOVEMBER, 1919

WASHINGTON  
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THE HISTORY OF THE  
CITY OF BOSTON  
FROM THE FIRST SETTLEMENT TO THE PRESENT TIME  
BY NATHANIEL BENTLEY

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## WAGES AND HOURS OF LABOR IN COTTON-GOODS MANUFACTURING AND FINISHING, 1918.

### INTRODUCTION AND SUMMARY.

Earnings per hour, hours of labor per week, and full-time and actual weekly earnings in the cotton-goods manufacturing and finishing industry of the United States for the year 1918 are presented in this report. Separate figures are shown for cotton-goods manufacturing and cotton-goods finishing. Comparable figures are shown for 1916, and summaries for each year, except 1915 and 1917, from 1907 to 1918 for cotton-goods manufacturing and from 1911 to 1918 for cotton-goods finishing are also shown. Data were not collected for 1915 and 1917 nor for cotton-goods finishing prior to 1911.<sup>1</sup>

In 1918 the average full-time weekly earnings of male employees in the selected occupations in cotton-goods manufacturing varied from \$11.37 for drawing-frame tenders to \$26.40 for mule spinners. The average full-time weekly earnings of female employees varied from \$10.28 for trimmers or inspectors to \$17.06 for beamer tenders.

In cotton-goods finishing the average full-time weekly earnings of male employees in the selected occupations varied from \$14.39 for bleach house laborers to \$43.38 for the skilled occupation of printers. Data were obtained for the wages of females in cotton-goods finishing for only one occupation—knotters—in which the average full-time weekly earnings in 1918 were \$11.19.

A summary of the rates of wages and hours of labor in the principal occupations of the two branches of the industry is presented in Table 1, which follows. This table shows very clearly the general reduction of hours and increase of earnings between 1907 and 1918, as well as the prevailing rates and hours of labor in 1918.

<sup>1</sup> Previous reports of wages and hours of labor in cotton-goods manufacturing and finishing have been published by the bureau, as follows: Nineteenth Annual Report, covering 1890 to 1893; Bulletin No. 59 (July, 1905), covering 1903 and 1904; Bulletin No. 65 (July, 1906), covering 1904 and 1905; Bulletin No. 71 (July, 1907), covering 1905 and 1906; Bulletin No. 77 (July, 1908), covering 1906 and 1907; Bulletin No. 128 (August, 1913), covering 1907 to 1912; Bulletin No. 159 (May, 1914), covering 1912 and 1913; Bulletin No. 190 (May, 1916), covering 1913 and 1914; and Bulletin No. 239 (April, 1918), covering 1914 and 1916.

[TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1918.]

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MANUFACTURING.

[The figures opposite each group of years are for identical establishments. When a second line is shown for 1918 it contains all data obtained for 1918, whether or not comparable data for 1916 were available.]

WAGES AND HOURS OF LABOR—COTTON GOODS.

Occupation, sex, and number of establishments.	Year.	Num-ber of em- pl.yees.	Aver- age full- time hours per week.	Aver- age earn- ings per hour.	Aver- age full- time weekly earn- ings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose earnings per hour were—									
						Under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.
Card strippers, male: 36 establishments.....	1907	284	59.8	\$0.131	\$7.83	.....	.....	58	19	23	.....	1	12	8	39	35	6	.....	.....	.....
	1908	289	59.3	.124	7.35	.....	.....	64	24	11	.....	1	11	21	51	14	2	.....	.....	.....
	1909	287	59.3	.121	7.18	.....	.....	61	29	10	.....	1	10	27	57	5	.....	.....	.....	.....
	1910	318	57.8	.124	7.17	.....	52	25	16	7	.....	1	5	26	62	6	(1)	.....	.....	.....
59 establishments.....	1910	523	58.4	.120	6.95	.....	48	23	13	16	(1)	5	5	26	56	6	1	.....	.....	.....
	1911	515	58.3	.122	7.08	.....	49	24	12	15	(1)	4	5	26	58	5	1	.....	.....	.....
88 establishments.....	1911	786	58.3	.121	7.02	.....	40	32	16	12	(1)	3	4	29	59	5	1	.....	.....	.....
	1912	800	57.1	.134	7.62	.....	40	31	27	1	.....	1	1	19	32	43	5	.....	.....	.....
88 establishments.....	1912	804	57.1	.134	7.62	.....	40	31	28	1	.....	1	1	19	31	43	4	.....	.....	.....
	1913	845	57.2	.138	7.83	.....	38	34	27	1	(1)	(1)	1	15	29	44	9	1	.....	.....
90 establishments.....	1913	871	57.1	.139	7.89	.....	40	33	27	1	(1)	(1)	1	15	28	44	9	2	1	.....
	1914	904	56.3	.144	8.06	.....	64	7	29	(1)	(1)	.....	1	13	25	40	19	2	(1)	.....
88 establishments.....	1914	869	56.1	.145	8.11	.....	67	7	26	(1)	.....	.....	1	10	25	42	20	2	.....	.....
	1916	792	56.7	.166	9.23	.....	56	7	36	1	.....	.....	.....	11	13	17	15	30	13	1
105 establishments.....	1916	896	56.5	.167	9.29	.....	55	10	34	1	.....	.....	.....	10	14	19	14	29	15	1
	1918	718	56.0	.267	14.84	.....	1	66	31	2	.....	.....	.....	(1)	1	4	8	8	19	61
106 establishments.....	1918	719	56.1	.267	14.84	.....	1	66	31	2	.....	.....	.....	(1)	1	4	8	8	19	61
Drawing-frame tenders, male: 34 establishments.....	1907	219	60.4	.100	6.04	.....	.....	51	12	37	26	6	8	34	25	2	.....	.....	.....	.....
	1908	234	59.7	.098	5.85	.....	.....	47	40	13	26	8	12	36	15	2	.....	.....	.....	.....

	1909	253	59.7	.099	5.91		51	35	14	20	9	19	37	14	1				
	1910	253	58.5	.098	5.73	45	13	31	11	22	7	21	32	16	2				
56 establishments.....	1910	436	59.5	.096	5.70	33	12	25	29	17	13	28	29	11	1				
	1911	457	59.7	.097	5.78	32	10	26	32	16	20	25	22	15	2				
84 establishments.....	1911	750	59.5	.097	5.73	28	17	31	23	18	17	25	26	12	3	(1)			
	1912	723	57.9	.108	6.22	32	17	48	2	14	5	10	36	25	7	2	(1)		
82 establishments.....	1912	727	57.9	.108	6.20	32	17	48	2	15	5	10	35	25	7	2	(1)		
	1913	624	58.0	.109	6.31	32	12	55	1	11	2	13	35	25	9	2	(1)		
76 establishments.....	1913	572	58.4	.109	6.32	25	13	60	1	14	3	10	37	26	8	2	1		
	1914	660	57.9	.116	6.66	34	5	60	1	9	4	8	30	31	13	4	1	(1)	
74 establishments.....	1914	649	57.8	.117	6.75	36	6	58	1	6	4	8	31	33	13	4	1	(1)	
	1916	662	58.2	.127	7.32	29	6	65	1	7	6	4	27	22	12	14	6	2	
82 establishments.....	1916	681	58.4	.126	7.32	26	5	69	1	7	6	4	28	23	12	11	6	3	
	1918	510	57.4	.199	11.39	7	28	63	2	(1)	(1)	1	3	11	13	16	8	29	18
84 establishments.....	1918	515	57.3	.199	11.37	8	29	63	1	(1)	(1)	1	3	11	13	16	8	29	18
Drawing-frame tenders, female:																			
19 establishments.....	1907	234	60.2	.093	5.60		50	27	23	20	16	18	43	3					
	1908	232	59.3	.093	5.51		56	37	7	31	19	11	23	17					
	1909	249	59.4	.091	5.41		51	42	6	28	22	12	32	7					
	1910	233	58.1	.089	5.17	29	47	21	3	25	24	22	26	2	(1)				
27 establishments.....	1910	359	58.2	.090	5.20	38	39	16	8	22	20	29	27	1	(1)				
	1911	344	57.7	.094	5.41	42	42	11	5	20	17	25	28	10	(1)				
45 establishments.....	1911	502	57.8	.095	5.46	34	51	11	4	16	14	31	30	9	(1)				
	1912	525	57.0	.110	6.23	38	44	16	2	4	5	11	62	13	4	1	(1)		
	1913	594	56.8	.114	6.48	39	45	16		3	2	7	59	20	7	2	1		
32 establishments.....	1913	594	56.7	.115	6.51	41	45	14		2	1	7	59	22	7	2	1		
	1914	574	55.5	.118	6.51	1	75	11	14	3	1	6	44	35	6	4	1	(1)	
31 establishments.....	1914	569	55.3	.118	6.50	1	78	11		3	1	9	40	37	6	4	1	(1)	
	1916	526	55.5	.142	7.86	77	9	14		5	(1)	2	9	21	44	12	3	2	1
43 establishments.....	1916	660	55.6	.136	7.53	(1)	73	13	14		5	1	2	16	20	41	10	3	(1)
	1918	723	54.7	.210	11.44	3	81	16					2	4	8	11	6	50	19
55 establishments.....	1918	818	54.8	.209	11.40	4	78	18				(1)	2	5	9	10	6	46	22

<sup>1</sup> Less than 1 per cent.



TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1918—Continued.

MANUFACTURING—Continued.

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WAGES AND HOURS OF LABOR—COTTON GOODS.

Occupation, sex, and number of establishments.	Year.	Num-ber of em- ployees.	Aver- age full- time hours per week.	Aver- age earn- ings per hour.	Aver- age full- time weekly earn- ings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose earnings per hour were—										
						Under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.	
Slubber tenders, male: 100 establishments.....	1916 1918	834 764	57.5 56.7	\$0.192 .308	\$11.21 17.23	----- 1	43 55	10 -----	47 43	1 1	(1) -----	(1) -----	(1) -----	6 (1)	10 1	14 3	13 3	8 5	28 19	20 69	
103 establishments.....	1918	766	56.7	.307	17.22	1	55	-----	43	1	-----	-----	-----	(1)	1	3	3	5	19	69	
Slubber tenders, female: 13 establishments.....	1916 1918	60 67	54.2 54.0	.188 .257	10.18 13.87	----- -----	97 100	3 -----	----- -----	----- -----	----- -----	----- -----	----- -----	3 -----	3 -----	23 1	12 7	18 16	35 24	5 51	
17 establishments.....	1918	74	54.1	.257	13.89	-----	99	-----	1	-----	-----	-----	-----	-----	-----	2	8	15	24	50	
Speeder tenders, male: 16 establishments.....	1907 1908 1909 1910	201 224 258 249	63.9 61.1 61.2 61.0	.116 .123 .129 .131	7.41 7.52 7.89 7.99	----- ----- ----- -----	----- ----- ----- -----	----- ----- ----- -----	----- 76 76 77	100 24 24 23	12 3 2 2	6 6 4 4	8 11 7 6	31 34 26 25	26 26 31 29	9 9 20 18	5 5 8 13	2 2 2 3	----- 4 1 1	----- ----- ----- -----	
32 establishments.....	1910 1911	426 396	61.4 61.4	.131 .135	8.03 8.29	----- -----	----- -----	----- -----	64 60	36 39	1 (1)	6 5	6 5	25 22	27 30	16 17	14 11	4 9	1 1	----- -----	
62 establishments.....	1911 1912	623 666	61.2 59.7	.135 .142	8.24 8.47	----- -----	(1) 8	3 2	76 87	21 3	1 1	5 3	5 2	21 15	27 30	23 23	11 16	7 9	1 1	----- -----	
61 establishments.....	1912 1913	680 745	59.7 59.8	.143 .145	8.52 8.72	----- -----	7 5	2 1	88 91	3 2	1 (1)	3 (1)	2 3	14 16	30 25	24 28	16 16	9 7	1 4	----- (1)	
55 establishments.....	1913 1914	742 778	59.7 59.7	.145 .151	8.64 9.04	----- -----	6 5	(1) -----	93 95	1 -----	(1) 1	(1) (1)	3 1	15 9	25 25	29 29	16 20	7 9	4 5	1 1	
58 establishments.....	1914 1916	799 1,285	59.3 59.1	.153 .164	9.04 9.67	----- -----	11 16	1 1	87 83	----- (1)	1 (1)	(1) 1	2 1	9 6	24 17	27 27	21 20	11 10	5 13	1 -----	



95 establishments.....	1916	1,739	58.5	.174	10.13	.....	26	3	71	(1)	(1)	1	1	5	14	22	17	10	21	7
	1918	1,465	58.2	.265	15.30	(1)	31	.....	69	(1)	.....	(1)	(1)	1	1	2	5	8	31	53
98 establishments.....	1918	1,478	58.2	.265	15.28	(1)	31	.....	69	(1)	.....	(1)	(1)	1	1	2	5	8	31	53
Speeder tenders, female:																				
35 establishments.....	1907	721	59.3	.139	8.24	.....	.....	64	21	15	1	4	3	13	24	34	17	3	1	.....
	1908	694	59.1	.138	8.16	.....	.....	63	30	7	1	4	5	17	24	27	14	7	(1)	.....
	1909	714	59.1	.135	7.98	.....	.....	63	31	6	(1)	2	4	17	34	34	7	1	(1)	.....
	1910	800	57.6	.134	7.72	.....	55	23	18	4	1	3	5	16	36	27	8	4	1	.....
57 establishments.....	1910	1,175	57.8	.133	7.68	.....	51	27	14	8	1	3	5	17	35	28	8	3	1	.....
	1911	1,189	57.9	.135	7.80	.....	50	26	14	10	1	2	5	17	30	33	9	3	(1)	(1)
82 establishments.....	1911	1,753	57.9	.136	7.86	.....	46	31	15	8	1	2	5	16	29	34	10	3	(1)	(1)
	1912	1,784	56.6	.149	8.42	.....	50	30	18	2	(1)	1	3	11	16	33	24	8	2	(1)
80 establishments.....	1912	1,791	56.7	.148	8.38	.....	51	28	19	2	(1)	1	3	11	16	33	24	8	(1)	(1)
	1913	1,855	56.7	.151	8.55	.....	48	32	18	1	.....	1	2	10	17	35	26	7	3	(1)
79 establishments.....	1913	1,946	56.5	.153	8.61	.....	51	31	18	1	.....	1	2	9	16	33	27	9	3	(1)
	1914	2,001	55.8	.155	8.61	(1)	69	10	21	(1)	(1)	1	2	9	14	29	30	10	5	(1)
76 establishments.....	1914	1,987	55.8	.155	8.62	(1)	70	10	20	(1)	(1)	1	2	9	14	29	30	10	5	(1)
	1916	2,578	55.6	.187	10.33	(1)	73	9	17	(1)	(1)	(1)	1	5	6	9	16	25	34	3
95 establishments.....	1916	2,986	55.6	.188	10.38	(1)	73	11	16	(1)	(1)	(1)	1	4	6	10	15	26	34	4
	1918	3,189	54.9	.276	15.10	(1)	55	.....	15	(1)	(1)	(1)	(1)	(1)	1	2	3	4	17	72
100 establishments.....	1918	3,214	55.0	.277	15.10	(1)	84	.....	15	(1)	(1)	(1)	(1)	(1)	1	2	3	4	17	72
Spinners, mule, male:																				
11 establishments.....	1907	199	58.6	.234	13.71	.....	.....	69	31	.....	.....	.....	.....	.....	1	1	4	12	54	29
	1908	193	58.4	.225	13.14	.....	.....	82	19	.....	.....	.....	.....	.....	1	1	7	11	58	23
	1909	156	58.5	.221	12.93	.....	.....	76	24	.....	.....	.....	.....	.....	.....	3	6	11	68	12
	1910	131	56.8	.218	12.38	.....	68	25	7	.....	.....	.....	.....	.....	.....	1	8	21	61	9
14 establishments.....	1910	222	57.0	.219	12.50	.....	53	43	4	.....	.....	.....	.....	.....	.....	1	5	19	63	12
	1911	207	57.0	.225	12.82	.....	53	43	4	.....	.....	.....	.....	.....	.....	1	2	3	16	14
16 establishments.....	1911	288	56.8	.255	14.44	.....	62	35	3	.....	.....	.....	.....	.....	1	2	2	11	51	33
	1912	266	55.7	.279	15.48	.....	68	32	.....	.....	.....	.....	.....	.....	(1)	.....	2	8	36	55
	1913	258	55.6	.281	15.58	.....	71	29	.....	.....	.....	.....	.....	.....	(1)	(1)	3	5	33	58
14 establishments.....	1913	234	55.6	.286	15.82	.....	68	32	.....	.....	.....	.....	.....	.....	(1)	(1)	4	6	28	62
	1914	245	54.9	.291	15.95	.....	82	18	.....	.....	.....	.....	.....	.....	(1)	.....	2	7	27	64
11 establishments.....	1914	215	54.9	.296	16.20	.....	80	20	.....	.....	.....	.....	.....	.....	(1)	.....	1	8	28	62
	1916	196	54.8	.346	18.94	.....	80	20	.....	.....	.....	.....	.....	.....	.....	.....	1	7	92	.....
17 establishments.....	1916	334	54.7	.345	18.85	.....	88	12	.....	.....	.....	.....	.....	.....	.....	.....	(1)	6	93	.....
	1918	303	54.3	.487	26.40	.....	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	99	.....

1 Less than 1 per cent.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1918—Continued.

MANUFACTURING—Continued.

Occupation, sex, and number of establishments.	Year.	Num-ber of em- ployees.	Aver- age full- time hours per week.	Aver- age earn- ings per hour.	Aver- age full- time weekly earn- ings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose earnings per hour were—									
						Under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.
Spinners, frame, male: 25 establishments.....	1907	184	59.4	\$0.124	\$7.37	.....	.....	66	12	22	12	4	16	17	17	13	17	1	3	.....
	1908	214	58.8	.119	7.00	.....	.....	64	35	2	8	3	5	38	24	13	7	2	.....	
	1909	188	58.9	.117	6.89	.....	.....	72	22	6	15	3	13	19	28	12	3	6	.....	
	1910	188	57.2	.119	6.81	.....	58	25	16	1	7	2	17	21	33	11	5	3	.....	
36 establishments.....	1910	261	57.2	.120	6.83	.....	61	20	17	2	7	2	13	21	40	10	5	2	.....	
	1911	420	57.0	.125	7.08	.....	69	19	9	2	2	3	5	23	44	19	3	1	.....	
46 establishments.....	1911	700	57.2	.126	7.18	.....	57	33	7	3	1	2	7	24	40	19	5	1	(1)	.....
	1912	679	56.2	.148	8.30	.....	52	40	6	2	1	1	3	17	18	25	15	15	5	.....
49 establishments.....	1912	564	56.7	.144	8.14	.....	42	48	8	2	1	1	4	19	19	27	15	11	3	.....
	1913	530	56.9	.143	8.07	.....	42	35	23	1	3	4	4	16	21	22	14	11	5	.....
31 establishments.....	1913	503	56.8	.145	8.19	.....	43	37	19	1	1	3	4	16	21	23	15	12	5	(1)
	1914	458	55.2	.152	8.37	1	83	4	13	.....	1	2	4	14	13	22	22	13	9	.....
38 establishments.....	1914	483	54.7	.150	8.19	3	78	4	16	.....	1	2	5	16	13	22	21	12	8	.....
	1916	547	56.6	.169	9.47	.....	59	2	39	.....	9	3	3	8	10	9	11	12	27	.....
41 establishments.....	1916	489	56.6	.164	9.21	.....	58	3	39	.....	12	2	3	9	8	11	10	29	6	.....
	1918	338	54.1	.249	13.50	14	65	.....	21	.....	1	1	(1)	6	6	7	7	4	17	51
53 establishments.....	1918	383	54.3	.248	13.48	14	61	.....	25	.....	1	1	1	5	7	7	8	5	16	50
Spinners, frame, female: 36 establishments.....	1907	2,317	61.0	.110	6.71	.....	.....	43	13	44	21	8	16	15	23	12	4	2	(1)	.....
	1908	2,114	59.9	.107	6.41	.....	.....	42	44	14	22	7	7	29	22	9	3	(1)	1	.....
	1909	2,408	59.8	.106	6.34	.....	.....	46	39	15	16	8	17	26	24	8	2	(1)	.....	
	1910	2,500	58.5	.112	6.55	.....	41	18	31	10	14	8	11	27	24	13	3	(1)	.....	

59 establishments.....	1910	3,704	59.0	.108	6.33	.....	35	17	29	18	18	9	12	23	23	11	3	(1)	(1)	.....
	1911	3,735	59.1	.111	6.48	.....	34	17	28	20	14	10	13	23	24	12	3	.....	.....	.....
88 establishments.....	1911	5,981	59.1	.111	6.51	.....	27	27	30	16	12	10	13	26	25	11	3	(1)	(1)	.....
	1912	6,214	58.0	.123	7.11	.....	29	27	41	3	8	5	8	23	21	26	6	2	(1)	.....
88 establishments.....	1912	6,364	58.0	.124	6.98	.....	30	26	41	3	8	5	8	23	21	25	7	3	1	.....
	1913	6,561	57.9	.127	7.29	.....	29	27	42	2	8	6	7	22	18	25	10	3	1	.....
90 establishments.....	1913	6,762	57.8	.128	7.33	.....	31	26	41	2	8	5	7	22	18	25	10	4	1	(1)
	1914	6,906	56.9	.132	7.45	(1)	53	5	42	(1)	4	6	8	21	17	24	14	5	1	(1)
88 establishments.....	1914	6,766	56.8	.132	7.47	(1)	54	5	40	(1)	4	6	8	20	17	24	14	5	2	.....
	1916	7,012	57.2	.147	8.32	(1)	48	5	45	(1)	8	4	6	14	13	9	12	21	11	1
104 establishments.....	1916	7,706	57.2	.149	8.24	(1)	47	7	45	(1)	8	4	6	13	13	10	12	21	12	1
	1918	7,723	55.9	.233	12.90	5	56	(1)	38	1	(1)	(1)	1	3	5	8	9	9	20	45
105 establishments.....	1918	7,752	56.1	.233	12.89	5	56	(1)	38	1	(1)	(1)	1	3	5	8	9	9	20	45
Doffers, male:																				
99 establishments.....	1916	3,206	57.9	.139	48.15	1	33	4	61	1	11	7	6	20	10	13	14	11	7	1
	1918	2,831	56.1	.231	12.89	12	35	(1)	52	1	(1)	(1)	1	1	4	8	11	12	25	38
102 establishments.....	1918	2,857	56.1	.231	12.87	12	36	(1)	51	1	(1)	(1)	1	1	4	8	11	12	25	38
Doffers, female:																				
19 establishments.....	1916	537	55.0	.162	8.92	7	59	33	.....	.....	.....	.....	5	3	13	26	26	19	4	3
	1918	655	52.8	.256	13.56	13	87	.....	.....	.....	.....	.....	.....	.....	(1)	2	9	5	25	59
26 establishments.....	1918	703	52.6	.255	13.46	16	85	.....	.....	.....	.....	.....	.....	.....	(1)	2	9	5	25	59
Spooler tenders, female:																				
104 establishments.....	1916	3,662	57.2	.137	7.73	(1)	45	7	47	(1)	9	7	8	17	14	14	13	9	9	1
	1918	3,750	56.2	.207	11.46	5	52	(1)	42	(1)	1	1	1	6	9	12	11	9	23	28
105 establishments.....	1918	3,759	56.2	.207	11.46	5	52	(1)	43	(1)	1	1	1	6	9	12	11	9	23	28
Warper tenders, male:																				
25 establishments.....	1916	75	59.4	.176	10.41	.....	9	.....	91	.....	.....	.....	.....	4	12	32	21	8	11	12
	1918	77	59.6	.247	10.71	.....	6	.....	94	.....	.....	.....	.....	.....	1	1	4	5	45	43
31 establishments.....	1918	82	59.6	.243	14.48	.....	6	.....	94	.....	.....	.....	.....	.....	1	2	5	6	45	40
Warper tenders, female:																				
78 establishments.....	1916	562	56.0	.182	10.15	.....	68	10	22	(1)	.....	.....	(1)	4	13	12	21	19	25	6
	1918	585	55.3	.259	14.20	1	77	(1)	22	(1)	.....	.....	.....	(1)	1	2	8	8	24	58
82 establishments.....	1918	595	55.4	.259	14.20	1	76	(1)	22	(1)	.....	.....	.....	(1)	1	2	8	8	24	58

<sup>1</sup> Less than 1 per cent.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1918—Continued.

## MANUFACTURING—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose earnings per hour were—										
						Under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.	
Beamer tenders, male: 22 establishments.....	1916 1918	328 270	56.0 56.4	\$0.271 .405	\$15.01 22.65	..... .....	67 61	..... .....	33 38	..... (1)	(1) .....	..... .....	2 .....	..... .....	3 .....	8 (1)	9 1	15 6	63 93		
24 establishments.....	1918	280	56.3	.404	22.63	.....	63	.....	37	(1)	.....	.....	.....	.....	.....	(1)	1	5	93		
Beamer tenders, female: 5 establishments.....	1916 1918	91 98	54.8 54.1	.224 .297	12.28 16.07	..... .....	97 98	..... .....	3 2	..... .....	..... .....	..... .....	1 .....	3 .....	9 2	8 3	56 18	22 21	1 55		
7 establishments.....	1918	113	54.1	.315	17.06	.....	98	.....	2	(1)	.....	.....	.....	.....	2	3	16	19	61		
Slasher tenders, male: 35 establishments.....	1907 1908 1909 1910	159 158 167 166	60.3 59.6 59.4 58.1	.183 .183 .180 .181	11.03 10.91 10.69 10.52	..... ..... ..... .....	..... 47 49 43	48 18 44 20	33 14 9 7 5	..... ..... ..... .....	..... ..... ..... .....	1 .....	19 8 6 5	10 20 20 17	4 11 13 12	6 5 8 8	5 18 20 24	52 23 29 30	4 15 9 5		
57 establishments.....	1910 1911	276 303	58.4 58.5	.178 .178	10.33 10.32	..... .....	42 40	19 18	13 27	..... .....	..... .....	..... .....	..... 3	23 21	10 13	6 7	29 27	25 27	3 3		
85 establishments.....	1911 1912	455 447	58.5 57.4	.194 .215	11.26 12.28	..... .....	33 35	32 34	23 28	12 1	1 .....	..... .....	2 2	15 8	12 13	6 8	24 3	24 44	15 23		
85 establishments.....	1912 1913	449 472	57.4 57.6	.216 .212	12.34 12.12	..... .....	35 31	34 32	30 35	1 .....	..... .....	..... .....	2 5	8 5	13 19	8 7	3 3	43 36	23 23		
87 establishments.....	1913 1914	485 528	57.5 56.8	.212 .211	12.09 11.81	..... (1)	33 55	32 5	34 39	1 (1)	..... .....	..... .....	5 6	5 7	19 20	7 6	3 3	38 36	22 23		
78 establishments.....	1914 1916	499 499	56.6 56.6	.214 .244	11.99 13.62	..... .....	58 59	6 6	35 35	(1) (1)	..... .....	..... .....	6 5	6 5	17 10	6 9	3 3	38 24	53 53		

96 establishments.....	1916	581	56.8	.241	13.48	.....	55	8	37	(1)	.....	.....	1	2	8	12	8	3	16	50
	1918	600	56.6	.342	18.87	.....	61	.....	39	1	.....	.....	.....	.....	.....	2	4	5	18	72
99 establishments.....	1918	608	56.5	.340	18.73	.....	60	.....	39	1	.....	.....	.....	.....	.....	2	4	5	18	72
Drawers-in, female:																				
86 establishments.....	1916	926	56.0	.191	10.47	.....	68	7	25	(1)	1	1	2	9	11	9	12	13	26	17
	1918	825	55.1	.263	15.41	2	75	.....	22	(1)	(1)	(1)	.....	2	2	6	8	7	16	60
91 establishments.....	1918	834	55.3	.273	15.00	2	74	.....	23	(1)	(1)	(1)	(1)	2	3	6	8	7	16	59
Loom fixers, male:																				
36 establishments.....	1907	631	60.8	.207	12.59	.....	44	17	39	.....	.....	.....	(1)	3	23	12	5	35	23	
	1908	619	59.7	.202	12.06	.....	45	44	11	.....	.....	.....	.....	1	11	25	11	33	18	
	1909	680	59.8	.197	11.78	.....	45	42	13	.....	.....	.....	(1)	1	10	29	13	34	12	
	1910	728	58.3	.202	11.78	.....	44	18	28	9	.....	.....	.....	1	9	24	14	29	22	
59 establishments.....	1910	1,267	58.7	.200	11.64	.....	42	18	23	17	.....	.....	.....	1	17	19	9	40	14	
	1911	1,314	58.6	.203	11.81	.....	44	17	23	17	.....	.....	.....	1	16	18	9	41	15	
88 establishments.....	1911	2,200	58.6	.203	11.80	.....	33	30	25	12	.....	.....	.....	1	15	18	7	48	12	
	1912	2,273	57.7	.224	12.91	.....	33	31	34	2	.....	.....	.....	.....	6	21	7	29	37	
88 establishments.....	1912	2,290	57.7	.224	12.84	.....	33	31	34	2	.....	.....	.....	.....	6	21	7	29	37	
	1913	2,321	51.6	.226	12.93	.....	34	30	35	2	.....	.....	.....	.....	3	22	7	26	42	
90 establishments.....	1913	2,370	57.6	.227	12.96	.....	35	29	34	2	.....	.....	.....	.....	3	22	7	25	43	
	1914	2,491	56.8	.233	13.09	.....	57	6	36	1	.....	.....	.....	.....	3	19	11	20	48	
87 establishments.....	1914	2,441	56.7	.234	13.17	.....	58	6	34	2	.....	.....	.....	.....	2	18	11	20	49	
	1916	2,486	56.9	.268	15.10	.....	56	6	35	3	.....	.....	.....	.....	(1)	9	6	24	61	
102 establishments.....	1916	2,776	56.8	.270	15.17	.....	56	7	35	2	.....	.....	.....	.....	(1)	9	6	23	62	
	1918	2,703	56.4	.391	21.80	.....	63	(1)	33	4	.....	.....	.....	.....	.....	.....	(1)	7	93	
103 establishments.....	1918	2,709	56.4	.391	21.79	.....	63	(1)	34	4	.....	.....	.....	.....	.....	.....	(1)	7	93	
Weavers, male:																				
36 establishments.....	1907	2,769	60.3	.161	9.71	.....	50	18	31	(1)	2	5	12	16	13	17	16	15	3	
	1908	2,848	59.6	.160	9.54	.....	50	35	15	(1)	1	4	15	16	15	14	16	17	1	
	1909	3,123	59.3	.151	9.03	.....	48	37	15	(1)	2	5	17	18	21	17	9	10	1	
	1910	3,037	58.3	.154	8.98	.....	49	11	30	9	(1)	1	4	14	19	21	18	10	1	
58 establishments.....	1910	5,334	58.8	.151	8.83	.....	41	13	27	19	(1)	1	4	16	21	21	17	10	9	
	1911	5,012	58.8	.155	9.07	.....	41	13	24	21	(1)	1	3	12	19	23	18	11	1	
88 establishments.....	1911	8,855	58.6	.156	9.08	.....	35	27	25	13	(1)	1	3	12	19	22	19	13	1	
	1912	9,751	57.5	.169	9.67	.....	38	24	37	1	.....	1	2	9	15	16	19	16	3	
88 establishments.....	1912	9,775	57.5	.169	9.67	.....	38	24	37	1	.....	1	2	9	15	16	19	16	3	
	1913	9,316	57.7	.169	9.71	.....	34	24	42	1	(1)	(1)	2	10	14	15	18	16	21	

1 Less than 1 per cent.



TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1918—Continued.

MANUFACTURING—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose earnings per hour were—									
						Under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.
Weavers, male—Concluded.																				
89 establishments.....	1913	9,485	57.6	\$0.170	\$9.73	.....	35	23	41	1	(1)	(1)	2	10	14	15	18	16	21	3
	1914	9,755	56.8	.176	9.93	(1)	55	4	41	(1)	(1)	1	2	7	12	15	17	16	25	5
86 establishments.....	1914	9,518	56.7	.176	9.96	(1)	56	5	39	(1)	(1)	1	2	7	11	15	17	16	25	5
	1916	9,027	56.8	.202	11.37	(1)	54	5	40	(1)	(1)	(1)	(1)	5	8	12	13	12	30	21
100 establishments.....	1916	10,279	56.7	.205	11.54	(1)	55	7	39	(1)	(1)	.....	(1)	4	8	11	12	12	29	22
	1918	8,260	56.2	.302	16.81	1	62	(1)	37	(1)	(1)	(1)	(1)	(1)	1	2	3	4	18	71
103 establishments.....	1918	8,301	56.2	.301	16.78	1	62	(1)	37	(1)	(1)	(1)	(1)	(1)	1	2	3	4	18	71
Weavers, female:																				
36 establishments.....	1907	3,724	59.5	.151	8.98	.....	.....	61	22	17	(1)	2	4	14	17	19	22	14	7	(1)
	1908	3,903	59.0	.152	8.97	.....	.....	63	31	6	(1)	2	4	15	20	20	20	12	6	(1)
	1909	3,930	59.1	.144	8.51	.....	.....	60	34	6	.....	2	5	18	22	26	18	6	4	(1)
	1910	3,905	57.6	.151	8.70	.....	53	27	16	4	.....	1	4	18	22	26	17	7	4	(1)
59 establishments.....	1910	6,334	57.8	.147	8.47	.....	51	26	13	9	(1)	2	4	19	22	25	15	8	4	(1)
	1911	6,242	57.8	.144	8.31	.....	51	25	13	10	(1)	1	4	18	24	25	16	7	5	(1)
88 establishments.....	1911	10,792	57.9	.148	8.54	.....	39	41	13	7	(1)	1	4	16	22	23	18	10	6	(1)
	1912	10,980	56.9	.163	9.26	.....	41	41	17	1	.....	1	3	10	15	19	20	16	15	1
88 establishments.....	1912	10,998	56.9	.163	9.26	.....	41	41	17	1	.....	1	3	10	15	19	20	16	15	1
	1913	11,105	56.8	.164	9.29	.....	43	39	17	1	(1)	(1)	2	10	15	19	20	16	16	1
89 establishments.....	1913	11,236	56.7	.164	9.30	.....	44	39	17	1	(1)	(1)	2	10	15	18	20	16	16	1
	1914	11,188	55.8	.167	9.30	(1)	72	7	21	(1)	(1)	1	3	10	13	17	20	16	19	2
86 establishments.....	1914	11,066	55.8	.168	9.31	(1)	73	7	20	(1)	(1)	1	3	10	13	17	20	16	19	3
	1916	10,505	55.7	.199	1.05	(1)	74	6	19	(1)	.....	(1)	(1)	5	8	10	15	37	14	



101 establishments.....	1916	11,546	55.7	.201	11.12	(1)	74	7	19	(1)	-----	(1)	(1)	5	7	10	11	15	36	15
	1918	10,945	55.3	.285	15.64	1	76	-----	23	(1)	(1)	(1)	(1)	1	2	3	4	5	17	67
103 establishments.....	1918	10,993	55.4	.285	15.62	1	76	-----	23	(1)	(1)	(1)	(1)	1	2	3	4	5	17	67
Trimmers or inspectors, female:																				
30 establishments.....	1907	251	60.4	.102	6.16	-----	41	28	31	25	1	16	37	10	10	2	-----	-----	-----	-----
	1908	261	60.0	.101	6.06	-----	39	46	15	21	8	30	19	11	6	6	-----	-----	-----	-----
	1909	285	59.6	.099	5.90	-----	40	52	8	18	5	38	28	1	7	2	(1)	-----	-----	-----
	1910	297	58.1	.101	5.87	-----	43	26	25	7	15	5	30	40	-----	7	2	1	-----	-----
46 establishments.....	1910	408	58.3	.099	5.78	-----	39	24	27	9	15	9	27	39	1	6	1	(1)	-----	-----
	1911	474	58.7	.102	5.94	-----	35	25	27	13	15	6	26	37	7	9	1	(1)	-----	-----
75 establishments.....	1911	712	58.7	.103	6.02	-----	32	28	29	11	16	9	20	33	13	7	2	(1)	(1)	-----
	1912	703	58.0	.112	6.45	-----	32	28	38	2	10	9	9	37	21	8	6	1	(1)	-----
77 establishments.....	1912	708	57.7	.112	6.41	-----	32	27	38	2	11	9	8	36	20	7	6	1	(1)	-----
	1913	687	57.9	.111	6.39	-----	32	26	39	4	11	7	6	41	23	8	3	(1)	-----	-----
74 establishments.....	1913	698	57.8	.112	6.41	-----	32	26	38	4	11	6	6	41	25	8	3	(1)	-----	-----
	1914	720	57.2	.113	6.41	-----	44	14	42	-----	10	9	7	40	20	8	4	(1)	1	-----
73 establishments.....	1914	717	57.2	.113	6.42	-----	44	14	42	-----	9	9	7	41	20	8	4	1	-----	-----
	1916	844	56.9	.129	7.27	-----	49	16	34	1	5	11	6	19	22	17	8	8	4	(1)
83 establishments.....	1916	971	56.7	.129	7.25	2	50	17	30	1	4	9	6	17	28	17	7	7	4	(1)
	1918	1,138	55.6	.184	10.21	3	67	-----	30	1	-----	(1)	(1)	6	10	12	13	22	31	5
87 establishments.....	1918	1,175	55.6	.186	10.28	3	67	-----	30	1	-----	(1)	(1)	6	10	12	12	22	32	5
Other employees, male:																				
88 establishments.....	1914	29,861	57.5	.151	8.59	1	50	5	41	3	7	2	3	17	17	18	11	6	11	7
	1916	24,532	57.7	.174	9.98	1	47	5	43	4	5	2	2	16	11	10	16	11	13	15
105 establishments.....	1916	27,395	57.7	.176	10.05	1	47	7	41	4	4	2	2	15	11	11	15	11	14	15
	1918	25,692	56.8	.270	15.19	4	54	(1)	37	4	(1)	(1)	(1)	1	5	9	7	5	20	53
106 establishments.....	1918	25,740	56.8	.270	15.18	4	54	(1)	37	4	(1)	(1)	(1)	1	5	9	7	5	20	53
Other employees, female:																				
88 establishments.....	1914	12,143	56.3	.123	6.89	1	61	7	31	(1)	18	6	6	17	18	14	11	6	4	1
	1916	5,175	55.7	.138	7.62	3	68	5	23	1	14	4	5	11	19	17	10	13	7	1
101 establishments.....	1916	5,913	55.7	.140	7.82	3	69	5	23	(1)	13	4	5	11	18	16	9	15	8	2
	1918	6,349	54.4	.224	12.06	10	68	-----	21	(1)	2	1	1	5	7	8	9	12	30	26
102 establishments.....	1918	6,350	54.4	.224	12.06	10	68	-----	21	(1)	2	1	1	5	7	8	9	12	30	26

<sup>1</sup> Less than 1 per cent.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1918—Continued.

## FINISHING.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose earnings per hour were—														
						Under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.			
Laborers, bleach house, male:																									
19 establishments.....	1911	688	57.5	\$0.133	\$7.63	.....	53	18	28	.....	6	16	41	30	5	2	1	(1)	.....	.....	.....	.....	.....	.....	.....
	1912	748	57.2	.137	7.82	.....	54	25	21	.....	5	8	43	33	9	1	2	.....	.....	.....	.....	.....	.....	.....	.....
19 establishments.....	1912	714	57.7	.137	7.88	.....	45	26	29	.....	4	7	46	33	8	1	2	.....	.....	.....	.....	.....	.....	.....	.....
	1913	787	57.7	.142	8.20	.....	41	29	29	.....	1	8	40	35	10	2	4	(1)	.....	.....	.....	.....	.....	.....	.....
18 establishments.....	1913	801	57.4	.142	8.17	.....	47	25	29	.....	(1)	7	41	36	9	3	4	.....	.....	.....	.....	.....	.....	.....	.....
	1914	785	56.2	.143	8.05	(1)	58	20	21	.....	(1)	6	39	39	12	3	1	.....	.....	.....	.....	.....	.....	.....	.....
21 establishments.....	1914	920	56.0	.146	8.19	(1)	64	17	18	.....	(1)	5	34	41	14	4	2	.....	.....	.....	.....	.....	.....	.....	.....
	1916	867	55.7	.175	9.76	.....	73	19	7	1	.....	2	4	18	30	33	14	(1)	(1)	.....	.....	.....	.....	.....	.....
24 establishments.....	1916	959	55.8	.176	9.83	(1)	71	17	11	1	.....	1	4	16	33	32	14	(1)	(1)	.....	.....	.....	.....	.....	.....
	1918	892	54.7	.203	14.39	8	73	10	7	2	(1)	.....	.....	.....	(1)	4	32	49	14	1	.....	.....	.....	.....	.....
Laborers, dyehouse, male:																									
31 establishments.....	1911	1,229	57.7	.144	8.32	.....	34	47	19	(1)	(1)	5	30	47	16	1	1	.....	.....	.....	.....	.....	.....	.....	.....
	1912	1,268	57.2	.153	8.75	.....	33	51	16	.....	.....	3	12	43	38	2	1	.....	.....	.....	.....	.....	.....	.....	.....
27 establishments.....	1912	1,179	57.4	.154	8.83	.....	28	55	17	.....	.....	2	14	42	39	2	1	.....	.....	.....	.....	.....	.....	.....	.....
	1913	1,120	57.4	.153	8.77	.....	30	51	18	.....	(1)	2	19	36	40	2	(1)	.....	.....	.....	.....	.....	.....	.....	.....
33 establishments.....	1913	1,167	57.5	.149	8.56	.....	29	44	28	.....	(1)	8	18	35	37	2	(1)	.....	.....	.....	.....	.....	.....	.....	.....
	1914	1,267	56.1	.153	8.55	(1)	65	12	23	.....	1	8	16	34	32	8	1	(1)	.....	.....	.....	.....	.....	.....	.....
32 establishments.....	1914	1,275	56.0	.153	8.57	(1)	67	12	20	.....	1	8	15	33	34	7	1	(1)	.....	.....	.....	.....	.....	.....	.....
	1916	1,214	56.3	.174	9.76	.....	65	13	20	3	1	9	4	11	20	35	20	(1)	.....	.....	.....	.....	.....	.....	.....
34 establishments.....	1916	1,194	56.7	.173	9.76	.....	59	13	24	4	1	9	7	10	17	36	20	(1)	.....	.....	.....	.....	.....	.....	.....
	1918	1,450	56.0	.273	15.17	(1)	67	10	23	.....	.....	(1)	2	8	2	2	20	42	26	2	.....	.....	.....	.....	.....

## Laborers, color mixing, male:

12 establishments.....	1911	263	57.7	.146	8.45	.....	40	34	25	.....	(1)	30	53	13	3	1	.....	.....	.....	.....
	1912	270	57.4	.147	8.45	.....	38	38	24	.....	1	27	53	12	3	1	.....	.....	.....	.....
12 establishments.....	1912	243	58.4	.145	8.46	.....	18	42	40	.....	1	35	53	7	3	1	.....	.....	.....	.....
	1913	246	58.6	.149	8.73	.....	15	43	42	.....	(1)	25	57	11	5	2	.....	.....	.....	.....
12 establishments.....	1913	288	57.5	.151	8.67	.....	35	27	33	.....	(1)	21	59	14	4	1	.....	.....	.....	.....
	1914	317	56.8	.153	8.66	.....	48	29	22	1	(1)	1	4	16	3	2	.....	.....	.....	.....
11 establishments.....	1914	295	56.5	.152	8.61	.....	51	31	16	1	(1)	(1)	16	62	17	3	2	.....	.....	.....
	1916	255	56.2	.178	9.99	.....	58	24	18	.....	.....	.....	1	16	30	40	13	.....	.....	.....
13 establishments.....	1916	281	56.5	.181	10.22	.....	53	21	26	.....	.....	.....	1	14	27	37	21	.....	.....	.....
	1918	277	55.5	.276	15.30	.....	76	11	12	(1)	.....	.....	.....	.....	.....	19	59	21	(1)	(1)
Engravers, male:																				
12 establishments.....	1911	179	55.8	.479	26.68	18	40	42	.....	.....	.....	.....	.....	.....	.....	.....	5	64	30	1
	1912	166	55.4	.483	26.75	17	40	42	.....	.....	.....	.....	.....	.....	.....	.....	4	57	39	1
11 establishments.....	1912	123	55.8	.488	27.20	24	19	57	1	.....	.....	.....	.....	.....	.....	.....	1	63	34	2
	1913	107	55.9	.484	27.01	31	18	35	17	.....	.....	.....	.....	.....	.....	.....	3	65	30	2
11 establishments.....	1913	124	54.9	.482	26.41	27	48	11	15	.....	.....	.....	.....	.....	.....	.....	8	52	38	2
	1914	123	53.0	.510	27.01	51	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	32	66	.....
10 establishments.....	1914	118	53.0	.511	27.05	49	51	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	31	66	2
	1916	107	53.1	.526	27.89	47	53	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	24	68	6
11 establishments.....	1916	122	53.3	.533	28.42	41	59	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	21	67	10
	1918	115	53.2	.717	37.78	47	52	1	.....	.....	.....	.....	.....	.....	.....	.....	4	5	90	.....
Printers, male:																				
12 establishments.....	1911	156	56.9	.489	27.79	.....	55	37	8	.....	.....	.....	.....	.....	.....	.....	10	3	8	79
	1912	164	56.7	.487	27.54	.....	54	38	9	.....	.....	.....	.....	.....	.....	.....	11	5	8	76
12 establishments.....	1912	137	57.4	.472	27.04	.....	38	48	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1913	133	57.1	.470	26.78	.....	42	48	10	.....	.....	.....	.....	.....	.....	.....	3	13	7	16
12 establishments.....	1913	147	56.3	.479	26.85	.....	61	31	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1914	159	55.5	.518	28.57	.....	72	28	1	.....	.....	.....	.....	.....	.....	.....	2	10	5	4
11 establishments.....	1914	152	55.5	.516	28.51	.....	70	29	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1916	155	55.2	.548	30.11	.....	79	19	2	.....	.....	.....	.....	.....	.....	.....	2	11	5	4
13 establishments.....	1916	176	55.1	.553	30.34	.....	82	16	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1918	142	54.5	.797	43.38	.....	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

1 Less than 1 per cent.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1918—Concluded.

## FINISHING—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose earnings per hour were—											
						Under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.
Calender tenders, male:																						
20 establishments.....	1911	412	57.9	\$0.149	\$8.61	.....	29	49	23	.....	.....	4	19	52	24	(1) 3	(1) 1	.....	.....	.....	.....	.....
	1912	409	57.8	.151	8.73	.....	30	49	21	.....	.....	7	14	44	31	3	1	.....	.....	.....	.....	.....
20 establishments.....	1912	422	58.1	.150	8.72	.....	24	48	28	.....	.....	7	15	46	29	1	1	.....	.....	.....	.....	.....
	1913	395	57.8	.153	8.85	.....	28	49	23	.....	.....	.....	15	52	23	4	1	.....	.....	.....	.....	.....
19 establishments.....	1913	344	57.7	.156	8.98	.....	33	40	27	.....	.....	.....	10	50	33	6	1	.....	.....	.....	.....	.....
	1914	359	56.7	.161	9.12	.....	52	17	31	.....	.....	.....	9	23	52	7	3	(1) 3	.....	.....	.....	.....
19 establishments.....	1914	359	56.7	.161	9.12	.....	52	17	31	.....	.....	.....	9	28	52	7	3	(1) 2	.....	.....	.....	.....
	1916	326	55.9	.192	10.73	.....	69	18	13	.....	.....	.....	4	5	20	33	35	2	1	.....	.....	.....
23 establishments.....	1916	363	56.0	.195	10.88	.....	68	16	16	.....	.....	.....	4	4	18	31	40	2	1	.....	.....	.....
	1918	308	55.3	.279	15.40	.....	83	12	6	.....	.....	.....	.....	.....	(1) 3	.....	23	47	23	1	.....	.....
Folders, male:																						
19 establishments.....	1911	268	57.4	.230	13.16	.....	59	14	27	.....	.....	.....	1	10	5	17	35	22	10	.....	.....	.....
	1912	277	57.2	.246	14.06	.....	54	25	21	.....	.....	.....	.....	10	3	10	23	33	13	1	1	.....
19 establishments.....	1912	276	57.7	.243	13.99	.....	43	25	32	.....	.....	.....	.....	10	3	9	30	33	13	1	1	.....
	1913	250	57.1	.250	14.20	.....	58	14	28	.....	.....	.....	.....	.....	4	5	33	40	13	.....	.....	.....
19 establishments.....	1913	266	56.8	.247	13.95	.....	63	11	26	.....	.....	.....	.....	.....	4	5	42	37	12	.....	.....	.....
	1914	255	56.0	.273	15.18	.....	66	9	25	.....	.....	.....	.....	1	3	4	24	27	39	2	.....	.....
20 establishments.....	1914	260	55.7	.272	15.05	.....	73	8	19	.....	.....	.....	.....	1	3	3	25	27	38	2	.....	.....
	1916	300	54.8	.306	16.72	.....	90	7	3	.....	.....	.....	.....	1	(1) 3	1	25	11	55	5	(1) 8	.....
24 establishments.....	1916	361	54.9	.303	16.57	.....	91	6	4	.....	.....	.....	.....	1	1	1	24	14	55	4	(1) 8	.....
	1918	300	54.3	.427	23.14	.....	99	.....	1	.....	.....	.....	.....	.....	.....	.....	5	8	26	48	.....	.....





Table 1 and General Tables A and B show figures for identical establishments from year to year. Where changes were made in the number or identity of establishments it was necessary to show two sets of figures for each year.

To aid in making comparisons from year to year, relative or index numbers have been computed for full-time hours, earnings per hour, and full-time weekly earnings for each occupation for the years 1910 to 1918, inclusive. These relatives are based on the averages shown in General Table A. In computing the relatives the averages for the larger number of establishments for each year were used. The relatives are simply percentages in which the figures for 1913 are taken as the base or 100 per cent. The year 1913 is used as the base for relative or index numbers, as it represents the close of a distinct economic period.

Thus the facts for the earlier and later years are brought into direct comparison with the facts for the year immediately preceding the war, namely, 1913.

TABLE 2.—RELATIVE FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, IN THE PRINCIPAL OCCUPATIONS, 1910 TO 1918.

### MANUFACTURING.

(1913=100.)

Occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.	Occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.
<b>Card strippers, male:</b>				<b>Speeder tenders, female:</b>			
1910.....	102	86	88	1910.....	102	88	90
1911.....	102	87	89	1911.....	102	90	92
1912.....	100	96	97	1912.....	100	99	98
1913.....	100	100	100	1913.....	100	100	100
1914.....	99	104	102	1914.....	98	103	101
1916.....	99	120	118	1916.....	98	125	121
1918.....	98	192	188	1918.....	97	183	177
<b>Drawing-frame tenders, male:</b>				<b>Spinners, mule, male:</b>			
1910.....	103	88	90	1910.....	103	78	80
1911.....	103	89	91	1911.....	102	91	93
1912.....	100	99	99	1912.....	100	99	99
1913.....	100	100	100	1913.....	100	100	100
1914.....	100	106	106	1914.....	99	104	102
1916.....	101	116	116	1916.....	98	123	121
1918.....	99	183	180	1918.....	98	173	169
<b>Drawing-frame tenders, female:</b>				<b>Spinners, frame, male:</b>			
1910.....	102	79	80	1910.....	101	84	85
1911.....	102	83	84	1911.....	101	88	89
1912.....	100	96	96	1912.....	100	101	101
1913.....	100	100	100	1913.....	100	100	100
1914.....	98	104	100	1914.....	96	105	101
1916.....	98	119	116	1916.....	99	115	114
1918.....	96	183	176	1918.....	95	173	167
<b>Speeder tenders, male:</b>				<b>Spinners, frame, female:</b>			
1910.....	103	90	92	1910.....	102	84	86
1911.....	102	93	94	1911.....	102	87	89
1912.....	100	98	97	1912.....	100	97	95
1913.....	100	100	100	1913.....	100	100	100
1914.....	99	106	104	1914.....	98	103	102
1916.....	98	120	116	1916.....	99	116	115
1918.....	97	183	175	1918.....	97	182	176



TABLE 2.—RELATIVE FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, IN THE PRINCIPAL OCCUPATIONS, 1910 TO 1918—Concluded.

## MANUFACTURING—Concluded.

Occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.	Occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.
Slasher tenders, male:				Weavers, male—Con.			
1910.....	102	84	85	1914.....	99	104	102
1911.....	102	92	93	1916.....	98	121	119
1912.....	100	102	102	1918.....	98	177	172
1913.....	100	100	100	Weavers, female:			
1914.....	99	100	98	1910.....	102	90	91
1916.....	99	114	111	1911.....	102	97	92
1918.....	98	160	155	1912.....	100	97	100
Loom fixers, male:				1913.....	100	170	100
1910.....	102	88	90	1914.....	98	1.2	100
1911.....	102	89	91	1916.....	98	123	120
1912.....	100	99	99	1918.....	98	174	168
1913.....	100	100	100	Trimmers or inspectors, female:			
1914.....	99	103	101	1910.....	101	89	90
1916.....	99	119	117	1911.....	101	93	94
1918.....	98	172	168	1912.....	100	111	100
Weavers, male:				1913.....	100	100	100
1910.....	102	89	91	1914.....	99	102	100
1911.....	102	92	93	1916.....	98	116	113
1912.....	100	99	99	1918.....	96	168	161
1913.....	100	100	100				

## FINISHING.

Laborers, bleach house, male:				Printers, male:			
1911.....	100	94	93	1911.....	101	102	104
1912.....	100	96	96	1912.....	102	99	101
1913.....	100	100	100	1913.....	100	100	100
1914.....	97	103	100	1914.....	99	108	106
1916.....	97	124	120	1916.....	98	115	113
1918.....	95	185	175	1918.....	97	166	162
Laborers, dyehouse, male:				Calender tenders, male:			
1911.....	100	97	97	1911.....	100	97	97
1912.....	99	103	102	1912.....	101	98	99
1913.....	100	100	100	1913.....	100	100	100
1914.....	98	103	100	1914.....	98	105	103
1916.....	99	116	114	1916.....	97	127	123
1918.....	97	183	177	1918.....	96	182	174
Laborers, color mixing, male:				Folders, male:			
1911.....	100	97	97	1911.....	101	93	94
1912.....	102	96	98	1912.....	102	98	100
1913.....	100	100	100	1913.....	100	100	100
1914.....	99	101	100	1914.....	98	110	108
1916.....	98	120	118	1916.....	97	123	119
1918.....	97	183	176	1918.....	96	173	166
Engravers, male:				Knotters, female:			
1911.....	102	99	101	1911.....	102	99	101
1912.....	101	100	101	1912.....	101	103	105
1913.....	100	100	100	1913.....	100	100	100
1914.....	97	106	102	1914.....	98	104	102
1916.....	97	111	108	1915.....	97	120	117
1918.....	97	148	143	1918.....	97	178	172

The relative number for each year preceding and subsequent to 1913 is the per cent that the average for that year is of the average for 1913. For example: Table 2 shows that relatively the full time weekly earnings of card strippers in 1910 were but 88 per cent of their weekly earnings in 1913. In 1912 they had increased to 97 per cent; in 1916 to 118 per cent, and in 1918 to 188 per cent of their earnings in 1913.

Table 3 is a summary, showing by States the number and per cent of employees working certain classified percentages of full time, during the period for which data were obtained.

This table is divided into two sections for each branch of the industry, one relating to employees whose time was reported for one week, and the other relating to those whose time was reported for two weeks in such a way that it could not be divided. In a majority of establishments a part of the force is on a one-week pay roll and a part on a two-week pay roll, hence such plants have a representation in each section of the table.

A few establishments having other than a one-week or two-week pay roll are omitted from this table, as are also some employees for whom data were incomplete.

TABLE 3.—NUMBER AND PER CENT OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME DURING ONE PAY-ROLL PERIOD, 1918, BY STATES.

### MANUFACTURING.

#### *One-week pay rolls.*

State.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Number and per cent of employees working each classified per cent of full time.									
			100 per cent and over.		Under 100 per cent.		Under 75 per cent.		Under 50 per cent.		Under 25 per cent.	
			No.	P. ct.	No.	P. ct.	No.	P. ct.	No.	P. ct.	No.	P. ct.
Alabama.....	6	3,392	1,553	46	1,839	54	1,235	36	385	11	141	4
Connecticut.....	4	1,896	1,589	84	307	16	164	9	80	4	35	2
Georgia.....	11	3,976	1,85	46	2,131	54	1,238	31	554	14	216	5
Maine.....	5	4,491	3,504	78	987	22	503	11	209	5	38	1
Massachusetts.....	20	15,822	12,741	81	3,081	19	1,528	10	784	5	284	2
New Hampshire.....	3	3,304	2,675	81	629	19	333	10	175	5	66	2
New York.....	2	1,368	1,113	81	255	19	142	10	74	5	37	3
North Carolina.....	14	3,022	1,868	61	1,194	39	608	20	307	10	120	4
Pennsylvania.....	1	153	128	66	65	31	49	25	21	11	10	5
Rhode Island.....	3	2,392	1,886	79	506	21	296	12	135	6	48	2
South Carolina.....	20	7,203	3,392	47	3,811	53	1,785	25	815	11	264	4
Total.....	89	47,099	32,294	69	14,805	31	7,884	17	3,539	8	1,259	3

#### *Two-week pay rolls.*

Alabama.....	8	1,474	528	36	946	64	579	39	212	14	77	5
Connecticut.....	4	738	599	81	139	19	78	11	14	2	8	1
Georgia.....	10	1,351	207	15	1,144	85	649	48	318	24	121	9
Maine.....	5	1,218	850	68	398	32	215	17	64	5	19	2
Massachusetts.....	20	6,195	4,314	70	1,881	30	1,122	18	408	7	168	3
New Hampshire.....	5	12,225	7,448	61	4,777	39	1,967	16	915	7	272	2
New York.....	2	380	231	61	149	39	81	21	30	8	18	5
North Carolina.....	18	2,208	996	45	1,212	55	576	26	279	13	111	5
Pennsylvania.....	3	533	297	56	236	44	100	19	53	10	32	6
Rhode Island.....	3	1,148	73	65	405	35	218	19	73	6	31	3
South Carolina.....	19	1,773	499	28	1,274	72	577	33	317	18	143	8
Total.....	97	29,273	16,712	57	12,561	43	6,162	21	2,683	9	1,003	3

TABLE 3.—NUMBER AND PER CENT OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME DURING ONE PAY-ROLL PERIOD, 1918, BY STATES—Concluded.

## FINISHING.

*One-week pay rolls.*

State.	Number of establishments.	Number of employ-ees.	Number and per cent of employees working each classified per cent of full time.											
			100 per cent and over.		Under 100 per cent.		Under 75 per cent.		Under 50 per cent.		Under 25 per cent.			
			No.	P. ct.	No.	P. ct.	No.	P. ct.	No.	P. ct.	No.	P. ct.		
Connecticut.....	3	1,195	856	72	339	28	93	8	57	5	20	2		
Georgia.....	1	2			2	100	2	100	1	50				
Maine.....	1	535	404	76	131	24	44	8	15	3	3	1		
Massachusetts.....	9	5,222	3,923	75	1,283	25	366	7	178	3	81	2		
New Hampshire.....	1	267	241	90	23	10	4	7	3	4	1			
New Jersey.....	2	6'6	330	51	316	49	80	12	31	5	8	1		
New York.....	3	1,700	1,273	75	427	25	131	8	60	4	21	1		
North Carolina.....	2	32	20	63	12	38	5	16	1	3				
Rhode Island.....	7	3,528	2,503	71	1,025	29	269	8	113	3	33	1		
South Carolina.....	1	21	12	57	9	43	1	5						
Total.....	30	13,148	9,568	73	3,580	27	1,001	8	466	4	175	1		

*Two-week pay rolls.*

Alabama.....	1	22	17	77	5	23	5	23						
New Hampshire.....	2	772	592	77	180	23	69	9	24	3	10	1		
North Carolina.....	4	71	25	35	46	65	21	30	13	18	5	7		
Pennsylvania.....	1	469	199	42	270	58	115	25	74	16	31	7		
Total.....	8	1,334	833	62	501	38	210	16	111	8	46	3		

According to the first section of the cotton-manufacturing branch of this table, 69 per cent of the employees worked full time or over during the period covered by the pay rolls, and 31 per cent did not work full time. Seventeen per cent worked under 75 per cent full time and by deduction it is seen that 14 per cent of the employees worked 75 per cent and under 100 per cent of full time. In the two-week period a smaller per cent of employees made full time, as would be expected. An employee might make full time the first week, yet lose time the second week, or vice versa.

Table 4 is a summary of General Table D (pp. 88-121), showing for each occupation the average full-time hours per week of the establishments in comparison with the average hours actually worked in the pay-roll period reported, and comparing the average full-time weekly earnings with the average amount actually earned in the week.

Like Table 3, this table is divided first into two branches of the industry and each branch is divided into two sections, one representing one-week pay rolls, and the other two-week pay rolls. As in Table 3, certain establishments have been omitted from this table because the pay rolls were for other periods than one or two weeks; also some employees are omitted because of incomplete data.

TABLE 4.—AVERAGE FULL-TIME HOURS AND HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS, AND AMOUNTS ACTUALLY EARNED DURING ONE PAY-ROLL PERIOD, 1918.

## MANUFACTURING.

*One-week pay rolls.*

Occupation and sex.	Number of establishments.	Number of employees.	Average full-time hours for pay-roll period.	Average hours actually worked during pay-roll period.	Average full-time earnings for period.	Average amount actually earned during period.
Card strippers, male.....	87	610	56.0	53.3	\$14.80	\$14.37
Drawing-frame tenders, male.....	63	401	57.0	47.8	11.18	9.58
Drawing-frame tenders, female.....	47	677	54.7	49.7	11.28	10.37
Slubber tenders, male.....	85	595	56.6	52.1	17.07	16.14
Slubber tenders, female.....	13	50	54.2	49.9	15.23	14.18
Speeder tenders, male.....	82	1,184	58.1	51.2	15.16	13.76
Speeder tenders, female.....	83	2,638	55.0	49.7	15.04	13.77
Spinners, mule, male.....	16	292	54.3	51.3	26.46	25.01
Spinners, mule, female.....	47	369	55.8	44.0	13.59	11.36
Spinners, frame, male.....	85	6,123	56.0	47.4	12.98	11.51
Spinners, frame, female.....	84	2,305	56.1	47.1	12.88	11.08
Doffers, male.....	21	553	52.2	48.2	12.95	12.03
Doffers, female.....	80	2,878	56.0	47.6	11.34	9.89
Spooler tenders, female.....	17	32	60.0	52.5	14.46	12.60
Warper tenders, male.....	73	481	55.5	50.9	14.02	13.05
Warper tenders, female.....	16	188	54.7	52.5	24.48	23.55
Beamer tenders, male.....	5	37	54.3	52.5	19.69	19.06
Beamer tenders, female.....	84	474	56.6	54.9	18.13	17.97
Slasher tenders, male.....	74	651	55.4	50.1	14.72	13.43
Drawers-in, female.....	81	2,069	56.3	54.0	21.94	21.18
Loom fixers, male.....	75	1,078	56.5	50.4	10.31	9.45
Trimmers or inspectors, female.....	86	18,883	56.3	53.6	14.92	14.46
Other employees, male.....	82	4,534	54.4	43.4	12.31	10.10
Other employees, female.....						

*Two-week pay rolls.*

Card strippers, male.....	13	87	111.6	97.1	\$30.76	\$27.05
Drawing-frame tenders, male.....	9	34	116.1	81.7	22.90	17.04
Drawing-frame tenders, female.....	7	122	108.9	94.8	25.38	22.47
Slubber tenders, male.....	12	119	119.3	96.3	37.56	32.95
Slubber tenders, female.....	3	15	108.0	65.6	23.47	14.40
Speeder tenders, male.....	11	149	108.6	97.0	32.30	27.52
Speeder tenders, female.....	12	512	109.0	96.2	31.62	28.19
Spinners, mule, male.....	4	9	111.1	90.9	23.23	18.84
Spinners, frame, female.....	13	1,138	109.5	90.9	26.78	22.41
Doffers, male.....	12	327	107.8	92.3	26.39	23.29
Doffers, female.....	4	148	108.0	85.7	30.67	24.01
Spooler tenders, female.....	13	607	110.2	90.3	25.55	21.18
Warper tenders, male.....	9	22	117.3	93.6	27.02	22.06
Warper tenders, female.....	5	100	109.0	95.8	31.26	27.58
Beamer tenders, male.....	6	38	117.5	105.7	33.77	30.25
Beamer tenders, female.....	1	66	108.0	83.1	32.84	25.33
Slasher tenders, male.....	10	95	109.8	98.4	47.62	42.09
Drawers-in, female.....	10	155	109.1	83.5	33.51	25.81
Loom fixers, male.....	14	462	111.4	105.3	45.64	43.55
Weavers, male.....	97	7,709	111.9	94.5	33.89	29.27
Weavers, female.....	97	10,500	110.4	95.6	31.51	27.76
Trimmers or inspectors, female.....	6	57	112.0	100.2	22.25	20.04
Other employees, male.....	14	5,176	107.9	98.9	34.27	31.96
Other employees, female.....	13	1,525	100.8	85.5	24.16	21.05



TABLE 4.—AVERAGE FULL-TIME HOURS AND HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS, AND AMOUNTS ACTUALLY EARNED DURING ONE PAY-ROLL PERIOD, 1918—Concluded.

## FINISHING.

*One-week pay rolls.*

Occupation and sex.	Number of establishments.	Number of employees.	Average full-time hours for pay-roll period.	Average hours actually worked during pay-roll period.	Average full-time earnings for period.	Average amount actually earned during period.
Laborers, bleach house, male.....	21	821	54.6	53.5	\$14.36	\$14.27
Laborers, dyehouse, male.....	25	904	55.6	56.6	15.43	15.63
Printers, male.....	12	133	54.4	58.3	43.95	47.02
Calender tenders, male.....	21	276	55.2	58.2	15.12	16.26
Laborers, color mixing, male.....	11	262	55.2	61.9	15.12	17.03
Knotters, female.....	20	266	53.9	49.5	11.08	10.18
Engravers, male.....	10	103	53.4	54.7	38.63	39.57
Folders, male.....	21	306	54.3	53.3	23.66	12.97
Other employees, male.....	22	7,006	55.8	58.6	16.79	17.73
Other employees, female.....	20	2,091	54.0	50.2	12.80	11.98

*Two-week pay rolls.*

Laborers, bleach house, male.....	3	71	111.5	109.2	\$29.42	\$29.34
Laborers, dyehouse, male.....	8	479	112.1	107.3	30.16	30.05
Engravers, male.....	1	12	102.5	133.2	60.01	60.39
Printers, male.....	1	9	110.0	81.8	69.66	52.01
Laborers, color mixing, male.....	2	15	119.6	111.8	37.02	35.21
Calender tenders, male.....	3	15	111.2	114.1	33.53	34.44
Folders, male.....	3	54	108.3	107.3	40.34	39.87
Knotters, female.....	3	26	108.0	100.4	24.67	22.68
Other employees, male.....	3	526	116.7	107.5	34.61	32.80
Other employees, female.....	3	127	107.2	87.2	19.50	16.00

## EXPLANATION OF SCOPE AND METHOD.

The manufacturing section of this report includes data from establishments which make cambrics, chambrays, checks, converters' goods, colored goods, combed goods, cotton flannels, crêpes, damasks, denims, drills, foulardines, gingham, lawns, madras, napped fabrics, organdies, percales, print cloths, sateens, sheetings, shirtings, stripes, tickings, twills, etc. Mills making mixed cotton and silk goods are not included.

Some of the establishments furnishing data concerning cotton manufacturing have finishing departments, for which data were obtained at the same time. In addition, data were obtained from several establishments engaged exclusively in finishing cotton goods.

All data were obtained from pay rolls of the various establishments by agents of the Bureau.

The number of establishments included or summarized in the report has varied considerably since 1907, as follows:

*Manufacturing.*

1907 to 1910.....	36 identical establishments.
1910 and 1911.....	59 identical establishments.
1911 and 1912.....	88 identical establishments.
1912 and 1913.....	88 identical establishments.
1913 and 1914.....	90 identical establishments.
1914 and 1916.....	88 identical establishments.
1916 and 1918.....	105 identical establishments.

*Finishing.*

1911 and 1912.....	30 identical establishments.
1912 and 1913.....	27 identical establishments.
1913 and 1914.....	33 identical establishments.
1914 and 1916.....	32 identical establishments.
1916 and 1918.....	34 identical establishments.

In addition to the 105 manufacturing establishments from which data were obtained for both 1916 and 1918, data were obtained from one establishment for 1918 only, making a total of 106 establishments from which data for 1918 are presented.

In the finishing branch of the industry data from 34 establishments were obtained for both 1916 and 1918.

In selecting establishments from which to obtain data, the Bureau undertook to represent all States in which cotton manufacturing and cotton finishing are of material importance, the measure of importance being the number of employees as reported by the United States Census of Manufactures.

Table 5 which follows shows, by States, the number of employees in this industry as reported by the United States Census, 1910, the number of establishments from which the Bureau obtained data for 1918, and the number of employees in such establishments:



TABLE 5.—TOTAL NUMBER OF EMPLOYEES IN COTTON-GOODS MANUFACTURING AND NUMBER OF EMPLOYEES FOR WHICH DATA ARE SHOWN FOR 1918.

State.	Number of employees reported by the U. S. Census, 1910.	Establishments and employees for which data are shown for 1918 in this report.	
		Number of establishments.	Number of employees.
Massachusetts.....	108,914	20	22,017
North Carolina.....	47,231	22	8,209
South Carolina.....	45,451	20	8,976
Rhode Island.....	28,786	3	3,500
Georgia.....	27,803	12	6,478
New Hampshire.....	22,290	5	15,529
Pennsylvania.....	16,293	5	1,299
Maine.....	14,634	5	5,785
Connecticut.....	14,300	4	2,034
Alabama.....	12,731	8	4,906
New York.....	10,663	2	1,748
Other States.....	29,721	-----	-----
Total.....	378,880	106	81,121

According to the census of 1910, more than 92 per cent of the total number of employees in the industry are found in the States in which the establishments furnishing information to the Bureau of Labor Statistics are located. The number of employees for which the Bureau obtained 1918 data and for which detailed information for 1918 is presented in this report, is over 21 per cent of the total in the industry in 1909, the year to which the census figures apply.

The number of employees in cotton-goods finishing for whom data for 1918 are shown is as follows:

Massachusetts.....	5,222	Maine.....	535
Rhode Island.....	3,523	Pennsylvania.....	469
New York.....	1,700	Other States.....	219
Connecticut.....	1,195		
New Hampshire.....	1,039	Total.....	14,553
New Jersey.....	646		

Full-time hours per week are the regular hours during which, under normal conditions, employees in an occupation are on duty. Full-time hours do not in any way indicate the extent of unemployment. Employees may work overtime, or broken time, or be laid off, or a temporary reduction may be made in working hours without affecting the full-time hours as here presented.

The rates of wages per hour appearing in the tables include the wages of time workers and the earnings of piece workers. All time rates not already on an hourly basis have been reduced to rates per hour, and the earnings of piece workers and of persons working at both time and piece rates have been reduced to rates per hour by dividing the earnings by the hours worked. For 1918 the piece workers and time workers of each occupation are shown separately and also combined as one group.

Where there was no record regularly kept of the actual time worked by employees, the establishments, at the request of the Bureau, kept a record for the pay-roll period selected.

The full-time weekly earnings are the earnings of employees working full time, or the earnings on broken time reduced to equivalent earnings for a full week. The actual earnings of employees during one pay-roll period are shown in Table D. In this table low earnings may be due either to a low rate or to broken time.

The averages of full-time hours per week, earnings per hour, full-time weekly earnings, and actual earnings are computed by adding the data for each employee and dividing the total by the number of employees.

Descriptions of all the operations in a representative cotton mill may be found in Bulletin No. 239 of the Bureau. Figures relating to wages and hours are shown separately for 15 of the more important occupations in cotton manufacturing and 8 occupations in cotton finishing. The sex is shown for each occupation. Of the 15 occupations tabulated in cotton manufacturing, data are shown for males alone in 4 occupations, for females alone in 3 occupations, and for both males and females in 8 occupations.

Of the 8 occupations tabulated in cotton finishing, data are shown for males alone in 7 occupations, and for females alone in 1 occupation. The occupations arranged in order of manufacture are as follows:

*Manufacturing.*

Card strippers.  
Drawing-frame tenders.  
Slubber tenders.  
Speeder tenders.  
Spinners, mule.  
Spinners, frame.  
Doffers.  
Spooler tenders.  
Warper tenders.  
Beamer tenders.  
Slasher tenders.  
Drawers-in.  
Loom fixers.  
Weavers.  
Trimmers or inspectors.

*Finishing.*

Laborers, bleach house.  
Laborers, dyehouse.  
Laborers, color mixing.  
Engravers.  
Printers.  
Calender tenders.  
Folders.  
Knotters.

All employees not included under any of the above selected occupations are combined and shown under "Other employees."

## GENERAL TABLES.

In addition to the text tables already shown, 8 general tables are presented as follows:

Table A.—Average and classified full-time hours per week, and earnings per hour, and average full-time weekly earnings, in the United States, by years, 1907 to 1918.

In this table the figures opposite each group of years are for identical establishments. When a second line is shown for 1918 it contains all data secured for 1918, whether or not comparable data for 1916 were available.

Table B.—Average and classified full-time hours per week, and earnings per hour, and average full-time weekly earnings, in each State, by years, 1916 and 1918.

In this table the figures for both years are for identical establishments, and do not include data from establishments furnishing information for 1918 only.

Table C.—Average and classified full-time hours per week, and earnings per hour, and average full-time weekly earnings, for piece workers and time workers, by States, 1918.

This table includes all data secured for 1918, whether or not comparable data for 1916 were available.

Table D.—Average full-time hours, hours actually worked, full-time weekly earnings and amounts actually earned, and number of employees working each classified per cent of full time and earning each classified amount, during one pay-roll period, for piece workers and time workers, by States, 1918.

This table includes data for all establishments from which information was secured for 1918. The table is divided into two sections, one relating to employees whose time and earnings were reported for one week, and the other relating to those whose time and earnings were reported for two weeks in such a way that they could not be divided. The purpose of this table is to compare the time actually worked by employees with the full working time of the establishments and the average amount actually earned, with more or less broken time of some employees, with the possible full-time earnings. A few establishments having other than one-week or two-week pay-rolls are omitted from this table, as are also some employees because of incomplete data.

Tables E, F, G, and H, respectively, show for cotton finishing the same facts that Tables A, B, C, and D show for manufacturing.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1918.

MANUFACTURING.

[In this table the figures opposite each group of years are for identical establishments. When a second line is shown for 1918 it contains all data obtained for 1918, whether or not comparable data for 1916 were available.]

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—													
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.	
Card strippers, male: 36 establishments..	1907	284	59.8	\$0.131	\$7.83	.....	.....	.....	.....	166	54	64	.....	3	33	24	110	98	16	.....	.....	.....	.....	.....	
	1908	289	59.3	.124	7.35	.....	.....	.....	.....	186	70	33	.....	2	32	60	148	40	7	.....	.....	.....	.....	.....	
	1909	287	59.3	.121	7.18	.....	.....	.....	.....	175	82	30	.....	2	30	77	163	15	.....	.....	.....	.....	.....	.....	
	1910	318	57.8	.124	7.17	.....	.....	.....	.....	166	78	52	22	3	16	83	196	19	1	.....	.....	.....	.....	.....	
59 establishments..	1910	523	58.4	.120	6.95	.....	.....	.....	.....	250	121	68	84	1	28	27	138	295	29	5	.....	.....	.....	.....	
	1911	515	58.3	.122	7.08	.....	.....	.....	.....	253	123	60	79	1	20	28	135	298	28	5	.....	.....	.....	.....	
88 establishments..	1911	786	58.3	.121	7.02	.....	.....	.....	.....	314	255	126	91	1	26	30	225	461	37	6	.....	.....	.....	.....	
	1912	800	57.1	.134	7.62	.....	.....	.....	.....	321	251	219	9	.....	6	10	151	253	344	36	.....	.....	.....	.....	
88 establishments..	1912	804	57.1	.134	7.62	.....	.....	.....	.....	321	251	223	9	.....	6	10	155	253	344	36	.....	.....	.....	.....	
	1913	845	57.2	.138	7.83	.....	.....	.....	.....	325	284	229	7	1	4	7	130	245	375	73	10	.....	.....	.....	
90 establishments..	1913	871	57.1	.139	7.89	.....	.....	.....	.....	349	284	231	7	1	4	7	130	248	379	79	17	6	.....	.....	
	1914	904	56.3	.144	8.06	.....	.....	.....	.....	579	60	264	1	4	.....	5	115	224	363	172	18	3	.....	.....	
88 establishments..	1914	869	56.1	.145	8.11	.....	.....	.....	.....	579	60	229	1	4	.....	5	85	219	363	172	18	3	.....	.....	
	1916	792	56.7	.166	9.23	.....	.....	.....	.....	447	54	283	8	.....	.....	.....	89	105	133	118	235	106	5	1	
105 establishments.	1916	896	56.5	.167	9.29	.....	.....	.....	.....	495	89	304	8	.....	.....	.....	87	124	166	121	257	133	7	1	
	1918	718	56.0	.267	14.84	4	.....	.....	.....	476	.....	225	13	.....	.....	.....	1	5	26	59	58	134	234	175	26
106 establishments.	1918	719	56.1	.267	14.84	4	.....	.....	.....	476	.....	226	13	.....	.....	.....	1	5	26	59	58	135	234	175	26







TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1918—Continued.

MANUFACTURING—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—												
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.
Slubber tenders, male: 100 establishments.	1916	834	57.5	\$0.192	\$11.21	-----	-----	-----	358	82	389	5	1	3	4	50	84	116	110	67	233	135	30	1
	1918	764	56.7	.308	17.23	4	-----	-----	423	-----	332	5	-----	-----	-----	2	8	21	22	35	146	132	270	128
103 establishments.	1918	766	56.7	.307	17.22	4	-----	-----	424	-----	333	5	-----	-----	-----	2	8	21	22	35	147	133	270	128
Slubber tenders, female: 13 establishments.	1916	60	54.2	.188	10.18	-----	-----	-----	58	2	-----	-----	-----	-----	-----	2	2	14	7	11	21	3	-----	3
	1918	67	54.0	.257	13.87	-----	-----	-----	67	-----	-----	-----	-----	-----	-----	-----	1	5	11	16	18	13	-----	-----
17 establishments.	1918	74	54.1	.257	13.89	-----	-----	-----	73	-----	1	-----	-----	-----	-----	-----	2	6	11	18	19	15	3	-----
Speeder tenders, male: 16 establishments.	1907	201	63.9	.115	7.41	-----	-----	-----	-----	-----	201	24	12	17	63	52	18	10	5	-----	-----	-----	-----	-----
	1908	224	61.1	.123	7.52	-----	-----	-----	-----	171	53	6	14	24	77	55	20	12	5	8	-----	-----	-----	-----
	1909	258	61.2	.129	7.89	-----	-----	-----	-----	195	63	5	10	19	66	79	52	21	4	2	-----	-----	-----	-----
	1910	249	61.0	.131	7.99	-----	-----	-----	-----	192	57	4	11	14	63	72	43	32	8	2	-----	-----	-----	-----
32 establishments.	1910	426	61.4	.131	8.03	-----	-----	-----	-----	273	153	4	23	26	107	115	69	60	19	3	-----	-----	-----	-----
	1911	396	61.4	.135	8.29	-----	-----	-----	-----	243	153	1	20	20	87	118	67	45	35	3	-----	-----	-----	-----
62 establishments.	1911	623	61.2	.135	8.24	-----	-----	-----	3	17	474	129	5	30	32	131	168	140	66	43	5	-----	-----	-----
	1912	666	59.7	.142	8.47	-----	-----	-----	50	12	581	23	6	19	16	97	198	155	106	60	9	-----	-----	-----
61 establishments.	1912	680	59.7	.143	8.52	-----	-----	-----	50	12	595	23	6	19	15	92	233	176	107	63	9	-----	-----	-----
	1913	745	59.8	.145	8.72	-----	-----	-----	39	4	691	11	2	3	26	116	188	212	113	53	27	2	-----	-----
55 establishments.	1913	742	59.7	.145	8.64	-----	-----	-----	42	2	687	11	2	3	24	111	189	214	116	51	23	6	-----	-----
	1914	773	59.7	.151	9.04	-----	-----	-----	37	-----	741	-----	4	2	11	70	193	223	152	73	40	4	-----	-----
58 establishments.	1914	799	59.3	.153	9.04	-----	-----	-----	91	10	698	-----	4	3	13	68	195	215	179	83	42	4	-----	-----
	1916	1,285	59.1	.164	9.67	-----	-----	-----	205	12	1,067	1	5	9	16	78	221	345	259	133	166	45	8	-----

95 establishments..	1916	1,739	58.5	.174	10.13	-----	-----	455	54	1,228	2	5	11	19	93	253	396	303	181	357	94	27	-----	76
	1918	1,455	58.2	.205	15.30	1	-----	444	-----	1,007	3	-----	1	4	8	16	28	67	113	451	352	339	-----	76
98 establishments..	1918	1,478	58.2	.265	15.28	1	-----	454	-----	1,020	3	-----	1	4	8	16	28	68	113	459	356	349	-----	76
Speeder tenders, female:																								
35 establishments..	1907	721	59.3	.139	8.24	-----	-----	463	153	105	9	23	25	95	176	242	123	19	6	-----	-----	-----	-----	-----
	1908	694	59.1	.138	8.16	-----	-----	438	208	48	8	25	33	118	168	185	100	51	3	-----	-----	-----	-----	-----
	1909	714	59.1	.135	7.98	-----	-----	453	220	41	1	13	31	119	246	246	51	5	2	-----	-----	-----	-----	-----
	1910	800	57.6	.134	7.72	-----	-----	437	185	143	35	10	26	39	125	286	217	64	29	4	-----	-----	-----	-----
57 establishments..	1910	1,175	57.8	.133	7.68	-----	-----	602	313	165	95	11	33	59	194	413	326	99	31	6	-----	-----	-----	-----
	1911	1,189	57.9	.135	7.80	-----	-----	597	311	165	116	9	29	62	202	352	388	106	34	5	2	-----	-----	-----
82 establishments..	1911	1,753	57.9	.136	7.86	-----	-----	801	547	258	147	16	38	89	283	505	589	169	53	8	3	-----	-----	-----
	1912	1,784	56.6	.149	8.42	-----	-----	890	531	328	35	4	26	60	195	286	593	429	149	39	3	-----	-----	-----
80 establishments..	1912	1,791	56.7	.148	8.38	-----	-----	918	503	335	35	4	23	60	198	288	595	429	149	39	3	-----	-----	-----
	1913	1,855	56.7	.151	8.55	-----	-----	890	597	343	25	-----	12	36	181	316	643	472	138	54	3	-----	-----	-----
79 establishments..	1913	1,946	56.5	.153	8.61	-----	-----	983	597	341	25	-----	12	33	179	316	650	519	166	59	9	-----	-----	-----
	1914	2,001	55.8	.155	8.61	1	-----	1,385	191	418	6	5	16	33	177	280	590	600	203	91	6	-----	-----	-----
76 establishments..	1914	1,987	55.8	.155	8.62	1	-----	1,385	191	404	6	5	15	31	174	275	589	600	201	91	6	-----	-----	-----
	1916	2,578	55.6	.187	10.33	1	-----	1,891	244	438	4	6	11	22	120	158	243	416	653	870	71	8	-----	-----
95 establishments..	1916	2,986	55.6	.188	10.38	1	-----	2,192	314	473	4	8	11	22	129	173	286	460	767	1,010	112	8	-----	-----
	1918	3,189	54.9	.276	15.10	6	-----	2,701	-----	474	8	3	2	5	12	33	63	96	141	536	1,199	1,032	64	-----
100 establishments..	1918	3,214	55.0	.277	15.10	6	-----	2,710	-----	490	8	3	2	5	12	36	63	100	141	548	1,199	1,041	64	-----
Spinners, mule, male:																								
11 establishments..	1907	199	58.6	.234	13.71	-----	-----	138	61	-----	-----	-----	-----	-----	2	1	8	23	107	158	-----	-----	-----	-----
	1903	193	58.4	.223	13.14	-----	-----	153	35	-----	-----	-----	-----	-----	-----	2	13	21	112	145	-----	-----	-----	-----
	1909	176	58.5	.221	12.93	-----	-----	118	38	-----	-----	-----	-----	-----	-----	4	10	17	106	119	-----	-----	-----	-----
	1910	131	56.8	.218	12.38	-----	-----	89	33	9	-----	-----	-----	-----	-----	1	11	27	80	112	-----	-----	-----	-----
14 establishments..	1910	222	57.0	.219	12.50	-----	-----	117	96	9	-----	-----	-----	-----	-----	3	11	43	139	126	-----	-----	-----	-----
	1911	207	57.0	.225	12.82	-----	-----	110	88	9	-----	-----	-----	-----	-----	2	5	6	33	133	128	-----	-----	-----
16 establishments..	1911	288	56.8	.255	14.44	-----	-----	179	100	9	-----	-----	-----	-----	-----	2	5	6	33	147	195	-----	-----	-----
	1912	266	55.7	.279	15.48	-----	-----	182	84	-----	-----	-----	-----	-----	-----	1	-----	5	20	95	145	-----	-----	-----
	1913	258	55.6	.281	15.58	-----	-----	182	76	-----	-----	-----	-----	-----	-----	-----	1	9	13	85	150	-----	-----	-----
14 establishments..	1913	234	55.6	.286	15.82	-----	-----	158	76	-----	-----	-----	-----	-----	-----	-----	1	9	13	66	145	-----	-----	-----
	1914	245	54.9	.291	15.95	-----	-----	202	43	-----	-----	-----	-----	-----	-----	1	-----	4	18	60	156	-----	-----	-----
11 establishments..	1914	215	54.9	.296	16.20	-----	-----	172	43	-----	-----	-----	-----	-----	-----	1	-----	3	17	66	134	-----	-----	-----
	1916	196	54.8	.346	18.94	-----	-----	157	39	-----	-----	-----	-----	-----	-----	-----	1	1	14	73	48	60	-----	-----
17 establishments..	1916	334	54.7	.345	18.85	-----	-----	295	39	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	21	98	124	90	-----
	1918	303	54.3	.487	26.40	-----	-----	303	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	3	56	242	-----	-----

1 Classified as 25 cents and over.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1918—Continued.

MANUFACTURING—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—													
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.	
Spinners, frame, male: 25 establishments..	1907 1908 1909 1910	184 214 188 183	59.4 58.8 58.9 57.2	\$0.124 .119 .117 .119	\$7.37 7.00 6.89 6.81	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	122 136 135 47	22 74 41 31	40 4 12 1	22 17 29 13	8 7 5 4	29 10 25 32	32 32 36 40	32 31 52 62	23 23 23 21	31 15 6 10	2 4 12 6	5 ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....		
36 establishments..	1910 1911	261 420	57.2 57.0	.120 .125	6.83 7.03	..... .....	..... .....	..... .....	..... .....	160 291	53 81	44 39	4 9	19 9	5 14	34 23	54 95	105 184	25 78	13 11	6 6	..... .....	..... .....	..... .....	
46 establishments..	1911 1912	700 679	57.2 56.2	.126 .148	7.18 8.30	..... .....	..... .....	..... .....	..... .....	402 353	228 269	52 44	18 13	9 7	17 5	52 23	171 114	278 122	133 169	33 103	6 104	1 32	..... .....	..... .....	..... .....
49 establishments..	1912 1913	564 530	56.7 56.9	.144 .143	8.14 8.07	..... .....	..... .....	..... .....	..... .....	237 221	269 186	45 113	13 5	6 15	5 19	23 23	108 85	108 110	150 117	85 75	64 59	15 27	..... .....	..... .....	..... .....
31 establishments..	1913 1914	503 458	56.8 55.2	.145 .152	8.19 8.37	..... .....	..... .....	..... .....	..... .....	216 379	186 17	96 60	5 .....	7 5	16 10	22 17	79 66	104 60	114 99	75 102	58 59	27 40	1 .....	..... .....	..... .....
38 establishments..	1914 1916	483 547	54.7 56.6	.150 .169	8.18 9.47	..... .....	14 .....	..... .....	..... .....	376 322	18 11	75 214	..... .....	6 47	12 14	21 16	75 43	61 57	108 50	102 62	59 65	39 147	..... 43	..... 3	..... .....
41 establishments..	1916 1918	489 338	56.6 54.1	.164 .249	9.21 13.50	..... .....	..... .....	..... .....	..... .....	284 220	16 .....	189 72	..... .....	57 2	12 2	14 1	42 21	39 21	56 25	48 23	50 14	142 56	27 56	2 100	..... 17
53 establishments..	1918	383	54.3	.248	13.48	.....	55	.....	.....	232	.....	96	.....	4	2	2	21	25	23	30	19	60	61	112	19
Spinners, frame, female: 36 establishments..	1907 1908 1909 1910	2,317 2,114 2,408 2,500	61.0 59.9 59.8 58.5	.110 .107 .106 .112	6.71 6.41 6.34 6.55	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	1,000 893 1,107 1,020	305 923 951 784	1,012 295 357 254	484 461 389 356	174 147 182 191	367 156 389 274	343 612 634 674	527 466 573 597	287 186 185 316	92 59 38 84	42 5 1 8	1 22 ..... .....	..... ..... ..... .....	..... ..... ..... .....		

59 establishments..	1910	3,704	59.0	.108	6.33	-----	-----	1,313	821	1,087	683	679	339	449	861	847	406	107	14	2	-----	-----	-----	-----		
	1911	3,735	59.1	.111	6.48	-----	-----	1,285	846	1,053	751	538	369	488	871	891	434	124	20	-----	-----	-----	-----			
88 establishments..	1911	5,981	59.1	.111	6.51	-----	-----	1,590	1,639	1,811	941	733	594	767	1,557	1,498	649	150	28	5	-----	-----	-----	-----		
	1912	6,214	58.0	.123	7.11	-----	-----	1,764	1,667	2,566	217	497	325	512	1,452	1,304	1,591	397	121	15	-----	-----	-----	-----		
88 establishments..	1912	6,364	58.0	.124	6.98	-----	-----	1,889	1,667	2,600	217	483	345	524	1,477	1,317	1,610	415	161	32	-----	-----	-----	-----		
	1913	6,561	57.9	.127	7.29	-----	-----	1,932	1,742	2,763	124	512	365	450	1,442	1,194	1,662	643	212	81	-----	-----	-----	-----		
90 establishments..	1913	6,762	57.8	.128	7.33	-----	-----	2,118	1,742	2,778	124	517	395	450	1,477	1,221	1,705	677	257	92	1	-----	-----	-----		
	1914	6,906	58.9	.132	7.45	-----	-----	3,644	349	2,874	16	255	398	567	1,444	1,203	1,623	981	331	102	2	-----	-----	-----		
88 establishments..	1914	6,766	58.8	.132	7.47	-----	-----	3,644	349	2,734	16	252	389	549	1,389	1,172	1,619	979	331	102	2	-----	-----	-----		
	1916	7,012	57.2	.147	8.32	-----	-----	3,385	362	3,222	29	576	308	405	962	945	663	849	1,464	787	49	1	-----	-----	-----	
104 establishments..	1916	7,706	57.2	.149	8.42	-----	-----	3,654	544	3,465	29	599	319	428	1,032	1,036	773	920	1,589	958	51	1	-----	-----	-----	
	1918	7,723	55.9	.233	12.90	-----	-----	4,343	3	2,930	40	34	20	49	203	414	596	691	708	1,527	2,146	1,278	57	-----	-----	-----
105 establishments..	1918	7,752	56.1	.233	12.89	-----	-----	4,343	3	2,950	40	34	20	49	203	415	606	695	714	1,535	2,146	1,278	57	-----	-----	-----
Doffers, male:																										
99 establishments..	1916	3,296	57.9	.139	8.15	-----	-----	1,049	129	1,964	18	348	212	203	629	307	420	444	365	235	41	2	-----	-----	-----	
	1918	2,831	56.1	.231	12.83	-----	-----	1,003	1	1,464	30	5	6	21	42	116	224	303	337	701	638	379	59	-----	-----	-----
102 establishments..	1918	2,857	56.1	.231	12.87	-----	-----	1,023	1	1,470	30	5	6	21	42	116	227	303	343	718	638	379	59	-----	-----	-----
Doffers, female:																										
19 establishments..	1916	537	55.0	.162	8.92	-----	-----	318	179	-----	-----	-----	-----	28	16	72	140	140	102	23	16	-----	-----	-----	-----	
	1918	655	52.8	.256	13.56	-----	-----	570	-----	-----	-----	-----	-----	-----	-----	1	14	57	33	166	285	87	12	-----	-----	-----
26 establishments..	1918	703	52.6	.255	13.46	-----	-----	594	-----	-----	-----	-----	-----	-----	-----	2	16	62	33	177	314	87	12	-----	-----	-----
Spooltenders, female:																										
104 establishments..	1916	3,662	57.2	.137	7.73	-----	-----	1,654	270	1,714	8	337	247	298	625	495	515	460	326	329	28	2	-----	-----	-----	
	1918	3,750	56.2	.207	11.46	-----	-----	1,966	1	1,589	9	29	20	52	212	336	441	421	332	869	663	370	5	-----	-----	-----
105 establishments..	1918	3,759	5.62	.207	11.46	-----	-----	1,966	1	1,598	9	29	20	52	213	339	444	421	334	869	663	370	5	-----	-----	-----
Warper tenders, male:																										
25 establishments..	1916	75	59.4	.176	10.41	-----	-----	7	-----	68	-----	-----	-----	-----	3	9	24	16	6	8	7	2	-----	-----	-----	
	1918	77	59.6	.247	14.71	-----	-----	5	-----	72	-----	-----	-----	-----	-----	1	1	3	4	35	23	9	1	-----	-----	-----
31 establishments..	1918	82	59.6	.243	14.48	-----	-----	5	-----	77	-----	-----	-----	-----	-----	1	2	4	5	37	23	9	1	-----	-----	-----
Warper tenders, female:																										
78 establishments..	1916	562	56.0	.182	10.15	-----	-----	380	57	123	2	-----	-----	2	23	72	70	119	106	138	26	6	-----	-----	-----	
	1918	585	55.3	.259	14.20	-----	-----	449	1	126	2	-----	-----	-----	1	5	11	46	44	139	190	138	11	-----	-----	-----
82 establishments..	1918	595	55.4	.259	14.20	-----	-----	454	1	131	2	-----	-----	-----	1	5	11	46	47	141	193	140	11	-----	-----	-----



TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1918—Continued.

MANUFACTURING—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—													
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.	
Beamer tenders, male: 22 establishments..	1916 1918	328 270	56.0 56.4	\$0.271 .405	\$15.01 22.65	----- -----	----- -----	----- -----	219 166	----- -----	109 103	----- 1	1 -----	----- -----	7 -----	----- 9	25 1	29 3	49 15	40 39	166 49	2 163			
24 establishments..	1918	280	56.3	.404	22.63	-----	-----	-----	176	-----	103	1	-----	-----	-----	-----	1	3	15	39	49	173			
Beamer tenders, female: 5 establishments...	1916 1918	91 98	54.8 54.1	.224 .297	12.28 16.07	----- -----	----- -----	----- -----	88 96	----- -----	3 2	----- -----	----- -----	----- -----	1 -----	3 -----	8 2	7 3	51 18	20 21	1 53	----- 1			
7 establishments...	1918	113	5.41	.315	17.06	-----	-----	-----	111	-----	2	-----	-----	-----	-----	-----	2	3	18	21	56	13			
Slasher tenders, male: 35 establishments..	1907 1908 1909 1910	159 158 167 166	60.3 59.6 59.4 58.1	.183 .183 .180 .181	11.03 10.91 10.69 10.52	----- ----- ----- -----	----- ----- ----- -----	----- ----- ----- -----	77 75 82 72	29 69 73 34	53 14 12 8	----- ----- ----- -----	----- ----- ----- -----	1 ----- ----- -----	30 12 10 9	16 32 33 28	7 17 21 20	9 8 6 13	3 29 34 38	82 36 48 49	16 124 115 19	----- ----- ----- -----			
57 establishments..	1910 1911	276 303	58.4 58.5	.178 .178	10.33 10.32	----- -----	----- -----	----- -----	116 122	53 55	72 81	35 45	----- -----	----- -----	9 10	63 63	28 38	16 20	79 82	72 81	19 19	----- -----			
85 establishments..	1911 1912	455 447	58.5 57.4	.194 .215	11.26 12.28	----- -----	----- -----	----- -----	149 157	144 153	106 131	56 6	6 -----	----- -----	10 8	68 36	56 58	26 34	110 13	111 195	168 103	----- -----			
85 establishments..	1912 1913	449 472	57.4 57.6	.216 .212	12.34 12.12	----- -----	----- -----	----- -----	157 147	153 154	133 166	6 5	----- -----	----- -----	10 25	36 25	58 91	34 35	13 16	195 172	103 108	----- -----			
87 establishments..	1913 1914	485 528	57.5 56.8	.212 .211	12.09 11.81	----- -----	----- -----	----- -----	159 232	154 29	167 204	5 1	----- -----	----- -----	25 32	25 37	92 103	35 30	16 14	184 191	108 121	----- -----			



78 establishments..	1914	499	56.5	.214	11.99	.....	2	.....	290	29	177	1	.....	.....	30	31	83	30	14	192	119	.....	.....	
	1916	499	56.6	.244	13.62	.....	.....	.....	293	30	175	1	.....	.....	27	26	51	44	16	70	169	73	23	
96 establishments..	1916	581	56.8	.241	13.48	.....	.....	.....	319	46	215	1	.....	5	14	45	67	45	20	95	174	93	23	
	1918	600	56.6	.342	18.87	.....	.....	.....	364	.....	233	3	.....	.....	.....	.....	10	22	29	105	64	171	199	
99 establishments..	1918	608	56.5	.340	18.73	.....	.....	.....	365	.....	239	4	.....	.....	.....	.....	11	22	32	107	64	173	199	
Drawers-in, female:																								
86 establishments..	1916	926	56.0	.191	10.47	2	.....	.....	626	67	228	3	9	8	15	80	105	83	111	118	242	124	31	.....
	1918	825	55.1	.263	15.41	12	.....	8	618	.....	184	3	1	1	.....	13	20	52	62	54	131	174	232	85
91 establishments..	1918	834	55.3	.273	15.00	12	.....	8	620	.....	191	3	1	1	1	13	21	53	64	55	133	175	232	85
Loom fixers, male:																								
36 establishments...	1907	631	60.8	.207	12.59	.....	.....	.....	277	105	249	.....	.....	.....	2	16	144	75	29	222	1143	.....	.....	
	1908	619	59.7	.202	12.06	.....	.....	.....	278	270	71	.....	.....	.....	.....	7	69	155	69	206	1113	.....	.....	
	1909	680	59.8	.197	11.78	.....	.....	.....	304	286	90	.....	.....	.....	2	9	70	194	87	234	184	.....	.....	
	1910	728	58.3	.202	11.78	.....	.....	.....	323	133	207	65	.....	.....	.....	9	68	175	100	213	1163	.....	.....	
59 establishments...	1910	1,267	58.7	.200	11.64	.....	.....	.....	528	232	293	214	.....	.....	.....	14	221	240	111	503	1178	.....	.....	
	1911	1,314	58.6	.203	11.81	.....	.....	.....	574	226	296	218	.....	.....	.....	12	213	236	112	544	1197	.....	.....	
88 establishments...	1911	2,200	58.6	.203	11.80	.....	.....	.....	729	659	543	269	.....	.....	.....	12	335	398	144	1054	1257	.....	.....	
	1912	2,273	57.7	.224	12.91	.....	.....	.....	757	701	762	53	.....	.....	.....	.....	135	478	152	662	1846	.....	.....	
88 establishments...	1912	2,290	57.7	.224	12.84	.....	.....	.....	757	701	779	53	.....	.....	.....	.....	148	480	154	662	1846	.....	.....	
	1913	2,321	57.6	.226	12.93	.....	.....	.....	778	692	811	40	.....	.....	.....	.....	69	516	170	599	1967	.....	.....	
90 establishments...	1913	2,370	57.8	.227	12.96	.....	.....	.....	821	692	817	40	.....	.....	.....	.....	69	521	170	600	1010	.....	.....	
	1914	2,491	56.6	.233	13.09	.....	.....	1,424	151	889	27	.....	.....	.....	.....	64	478	263	497	1189	.....	.....		
87 establishments...	1914	2,441	56.7	.234	13.17	.....	.....	.....	1,424	151	821	45	.....	.....	.....	.....	60	433	263	496	1189	.....	.....	
	1916	2,486	56.9	.268	15.10	.....	.....	.....	1,388	154	868	76	.....	.....	.....	.....	11	220	157	593	312	1189	4	
102 establishments..	1916	2,776	56.8	.270	15.17	.....	.....	.....	1,543	208	972	53	.....	.....	.....	.....	13	253	167	629	378	1332	4	
	1918	2,703	56.4	.391	21.80	.....	.....	.....	1,702	1	904	96	.....	.....	.....	.....	.....	.....	1	194	572	1006	930	
103 establishments..	1918	2,709	56.4	.391	21.79	.....	.....	.....	1,702	1	910	96	.....	.....	.....	.....	.....	.....	1	200	572	1006	930	
Weavers, male:																								
36 establishments...	1907	2,769	60.3	.161	9.71	.....	.....	.....	1,397	502	870	6	61	149	333	433	372	474	454	415	172	.....	.....	
	1908	2,848	59.6	.160	9.54	.....	.....	.....	1,424	1,006	418	1	40	113	418	462	437	402	456	479	140	.....	.....	
	1909	3,123	59.8	.151	9.03	.....	.....	.....	1,497	1,156	470	5	47	147	517	573	671	534	293	303	133	.....	.....	
	1910	3,037	58.3	.154	8.98	.....	.....	.....	1,489	337	925	286	1	24	129	430	581	632	542	318	348	132	.....	.....
58 establishments...	1910	5,334	58.8	.151	8.83	.....	.....	.....	2,190	703	1,440	1,001	.....	.....	.....	.....	.....	.....	.....	491	141	.....	.....	
	1911	5,012	58.8	.155	9.07	.....	.....	.....	2,069	670	1,225	1,048	8	59	211	845	1,119	1,125	900	535	540	145	.....	.....
88 establishments...	1911	8,855	58.6	.156	9.08	.....	.....	.....	3,129	2,366	2,195	1,165	9	90	278	1,048	1,709	1,904	1,672	1,133	945	167	.....	.....
	1912	9,751	57.5	.169	9.67	.....	.....	.....	3,703	2,322	3,590	136	.....	50	203	900	1,452	1,565	1,839	1,545	1,911	1286	.....	.....

1 Classified as 25 cents and over.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1918—Concluded.

MANUFACTURING—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—							Employees whose earnings per hour were—											
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.
Weavers, male—Concl'd.																								
88 establishments...	1912	9,775	57.5	\$0.169	\$9.67	-----	-----	-----	3,703	2,322	3,614	136	-----	49	201	921	1,445	1,580	1,850	1,537	1,906	1,286	-----	-----
	1913	9,316	57.7	.169	9.71	-----	-----	-----	3,146	2,200	3,889	81	1	34	205	923	1,345	1,425	1,697	1,509	1,913	1,264	-----	-----
89 establishments...	1913	9,485	57.6	.170	9.73	-----	-----	-----	3,315	2,200	3,889	81	1	34	206	933	1,349	1,430	1,723	1,538	1,997	1,274	-----	-----
	1914	9,755	56.8	.176	9.93	9	-----	-----	5,328	436	3,974	8	14	54	225	710	1,156	1,490	1,654	1,583	2,392	1,477	-----	-----
86 establishments...	1914	9,518	56.7	.176	9.96	9	-----	-----	5,328	436	3,737	8	14	53	219	673	1,077	1,445	1,609	1,564	2,387	1,477	-----	-----
	1916	9,027	56.8	.202	11.37	18	-----	-----	4,890	471	3,645	3	1	1	7	448	752	1,047	1,142	1,111	2,664	1,537	312	5
100 establishments...	1916	10,279	56.7	.205	11.54	19	-----	3	5,621	674	3,959	3	2	-----	4	457	801	1,173	1,271	1,281	3,014	1,805	452	19
	1918	8,250	56.2	.302	16.81	52	-----	-----	5,151	22	3,019	6	3	3	5	33	90	153	283	365	1,454	1,797	3,008	1,056
103 establishments...	1918	8,301	56.2	.301	16.78	55	-----	-----	5,154	22	3,064	6	3	3	5	34	91	161	287	373	1,477	1,802	3,009	1,056
Weavers, female:																								
36 establishments...	1907	3,724	59.5	.151	8.98	-----	-----	-----	2,267	809	648	12	84	165	516	646	707	821	505	257	11	-----	-----	
	1908	3,903	59.0	.152	8.97	-----	-----	-----	2,473	1,197	233	3	59	151	593	768	779	796	486	252	16	-----	-----	
	1909	3,930	59.1	.144	8.51	-----	-----	-----	2,363	1,345	222	-----	69	181	689	863	1,009	725	228	153	13	-----	-----	
	1910	3,905	57.6	.151	8.70	-----	-----	-----	2,065	1,052	625	163	-----	45	162	704	851	1,011	664	292	166	10	-----	-----
59 establishments...	1910	6,334	57.8	.147	8.47	-----	-----	-----	3,210	1,676	849	599	3	96	278	1,213	1,423	1,583	960	498	267	13	-----	-----
	1911	6,242	57.8	.144	8.31	-----	-----	-----	3,198	1,590	830	624	7	74	268	1,118	1,482	1,531	1,019	437	292	14	-----	-----
88 establishments...	1911	10,792	57.9	.148	8.54	-----	-----	-----	4,216	4,442	1,422	712	12	124	438	1,689	2,381	2,460	1,929	1,100	619	40	-----	-----
	1912	10,980	56.9	.163	9.26	-----	-----	-----	4,516	4,464	1,890	110	-----	91	283	1,109	1,611	2,081	2,222	1,798	1,647	138	-----	-----
88 establishments...	1912	10,998	56.9	.163	9.26	-----	-----	-----	4,516	4,464	1,908	110	-----	94	284	1,124	1,610	2,086	2,218	1,797	1,647	138	-----	-----
	1913	11,105	56.8	.164	9.29	-----	-----	-----	4,777	4,355	1,877	96	8	54	249	1,130	1,648	2,071	2,251	1,786	1,764	144	-----	-----
89 establishments...	1913	11,236	56.7	.164	9.30	-----	-----	-----	4,911	4,355	1,874	96	8	54	247	1,132	1,650	2,076	2,293	1,830	1,803	143	-----	-----
	1914	11,188	55.8	.167	9.30	12	-----	-----	8,066	736	2,337	37	19	68	290	1,095	1,452	1,887	2,218	1,799	2,081	279	-----	-----

86 establishments..	1914	11,066	55.8	.168	9.31	12	.....	8,066	736	2,215	37	19	66	285	1,052	1,410	1,868	2,210	1,797	2,080	279	.....	.....	
	1916	10,505	55.7	.199	11.05	24	.....	7,818	628	2,011	24	.....	2	5	518	805	1,014	1,194	1,550	3,897	1,333	176	11	
101 establishments..	1916	11,546	55.7	.201	11.12	25	.....	8,519	793	2,182	23	.....	1	4	558	833	1,138	1,323	1,683	4,205	1,535	230	16	
	1918	10,945	55.3	.285	15.64	111	.....	8,324	.....	2,465	45	5	5	19	73	201	351	436	586	1,887	2,560	4,101	721	
103 establishments..	1918	10,993	55.4	.285	15.62	112	.....	8,350	.....	2,486	45	5	5	20	74	204	357	442	595	1,898	2,566	4,105	722	
Trimmers or inspectors, female:																								
30 establishments..	1907	251	60.4	.102	6.16	.....	.....	.....	102	70	79	64	2	40	92	24	24	5	.....	.....	.....	.....	.....	
	1908	261	60.0	.101	6.06	.....	.....	.....	103	120	38	54	22	77	49	29	15	15	.....	.....	.....	.....	.....	
	1909	285	59.6	.099	5.90	.....	.....	.....	115	147	23	50	15	108	81	2	21	7	1	.....	.....	.....	.....	
	1910	297	58.1	.101	5.87	.....	.....	127	76	73	21	45	16	88	120	.....	21	5	2	.....	.....	.....	.....	
46 establishments..	1910	408	58.3	.099	5.78	.....	.....	161	100	109	38	63	38	109	159	6	25	6	2	.....	.....	.....	.....	
	1911	474	58.7	.102	5.94	.....	.....	167	119	128	60	72	27	121	177	32	41	3	1	.....	.....	.....	.....	
75 establishments..	1911	712	58.7	.103	6.02	.....	.....	226	202	205	79	113	62	145	236	89	48	16	2	1	.....	.....	.....	
	1912	703	58.0	.112	6.45	.....	.....	226	194	266	17	67	66	61	257	148	53	41	7	3	.....	.....	.....	
77 establishments...	1912	708	57.7	.112	6.41	.....	.....	226	194	271	17	80	65	60	254	145	53	41	7	3	.....	.....	.....	
	1913	687	57.9	.111	6.39	.....	.....	216	176	270	25	77	45	41	283	160	56	23	2	.....	.....	.....	.....	
74 establishments...	1913	698	57.8	.112	6.41	.....	.....	226	181	266	25	74	45	41	283	174	57	22	2	.....	.....	.....	.....	
	1914	720	57.2	.113	6.41	.....	.....	316	101	303	.....	69	67	48	291	145	55	27	7	11	.....	.....	.....	
73 establishments...	1914	717	57.2	.113	6.42	.....	.....	316	101	300	.....	65	67	48	292	145	55	27	7	11	.....	.....	.....	
	1916	844	56.9	.129	7.27	.....	.....	410	134	290	10	43	91	51	162	184	142	66	69	35	1	.....	.....	
83 establishments...	1916	971	56.7	.129	7.25	16	.....	481	169	295	10	43	91	56	163	274	167	72	69	35	1	.....	.....	
	1918	1,138	55.6	.184	10.22	31	.....	761	.....	340	6	.....	3	5	70	114	136	144	255	350	55	4	2	
87 establishments...	1918	1,175	55.6	.186	10.29	31	.....	790	.....	348	6	.....	3	5	73	114	138	144	255	379	58	4	2	
Other employees, male:																								
88 establishments..	1914	29,861	57.5	.151	8.59	186	.....	14,936	1,496	12,334	909	2,219	741	1,024	5,207	4,936	5,338	3,185	1,904	3,151	12,156	.....	.....	
	1916	24,532	57.7	.174	9.98	186	.....	11,619	1,326	10,473	928	1,133	439	533	3,908	2,709	2,407	3,887	2,702	3,274	1,734	1,387	449	
105 establishments..	1916	27,395	57.7	.176	10.05	220	.....	12,934	1,973	11,250	993	1,179	454	573	4,141	3,130	2,907	4,236	2,995	3,712	1,946	1,614	508	
	1918	25,692	56.8	.270	15.19	1,124	4	3	13,914	116	9,387	1,144	53	25	265	1,234	2,235	1,725	1,397	5,142	5,790	4,719	3,058	
106 establishments..	1918	25,740	56.8	.270	15.18	1,126	4	3	13,914	116	9,428	1,149	53	25	49	267	1,242	2,245	1,732	1,400	5,153	5,793	4,723	3,058
Other employees, fe- male:																								
88 establishments..	1914	12,143	56.3	.123	6.89	129	.....	7,451	802	3,722	39	2,164	698	780	2,105	2,138	1,644	1,295	789	468	1,62	.....	.....	
	1916	5,175	55.7	.138	7.62	142	.....	3,543	249	1,213	28	702	188	258	552	963	892	498	681	375	44	7	15	
101 establishments..	1916	5,913	55.7	.140	7.82	152	.....	4,070	303	1,355	28	741	211	278	677	1,048	972	551	882	463	67	8	15	
	1918	6,349	54.4	.224	12.06	665	14	19	4,328	.....	1,314	9	104	54	75	325	435	479	543	776	1,932	1,123	468	35
102 establishments..	1918	6,350	54.4	.224	12.06	665	14	19	4,328	.....	1,315	9	104	54	75	325	435	479	543	777	1,932	1,123	468	35

1Classified as 25 cents and over.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918.

MANUFACTURING.

[In this table the figures for both years are for identical establishments.]

State and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—							Employees whose earnings per hour were—										
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.

CARD STRIPPERS: Male.

Alabama:																								
8 establishments...	1916	29	60.6	\$0.119	\$7.24							23	6			22	4		3					
	1918	26	60.3	.196	11.79							22	4					5	6	3	11	1		
Georgia:																								
12 establishments...	1916	102	60.0	.134	8.05							102				19	46	30	6	1				
	1918	73	60.0	.191	11.45							72	1				2	9	15	28	10	8	1	
Maine:																								
5 establishments...	1916	89	58.0	.160	9.27					80								69	5	7	8			
	1918	62	53.7	.264	14.16	2			60												44	6	8	4
Massachusetts:																								
20 establishments...	1916	255	54.2	.189	10.24				248			5	2					5	70	120	60			
	1918	212	54.4	.303	16.51				202			2	8								15	116	69	12
New Hampshire:																								
5 establishments...	1916	148	55.2	.186	9.60				141			7						26	8	87	27			
	1918	112	54.1	.311	16.85				110			2									4	49	57	2
New York:																								
2 establishments...	1916	27	54.4	.209	11.38				25			2							2	5	18			
	1918	24	54.0	.316	17.05				24												7	2	7	4
North Carolina:																								
22 establishments...	1916	87	60.0	.129	7.74							87				21	45	15	3	2	1			
	1918	72	60.0	.203	12.18							72						4	20	20	18	9	1	
Rhode Island:																								
3 establishments...	1916	34	54.4	.198	10.76				32			2						2	5	16	7	3	1	
	1918	36	54.1	.322	17.39	1			33			2									2	13	17	4







TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

MANUFACTURING—Continued.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—										
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.

DRAWING-FRAME TENDERS: Female.

Alabama:																								
6 establishments....	1916	51	60.0	\$0.086	\$5.18						51		28	4	3	10	5		1					
	1918	61	59.8	.144	8.61	1					60				1	11	14	15	18	1	1			
Georgia:																								
5 establishments....	1916	40	60.0	.097	5.83						40		6	4	11	15	3	1				1	1	
	1918	48	60.0	.143	8.59						48					7	13	22	3	1				
Maine:																								
3 establishments....	1916	86	58.0	.106	6.16					86						63	10	5	8					
	1918	94	52.1	.210	11.29	9			85									47			19	28		
Massachusetts:																								
14 establishments....	1916	210	53.9	.149	8.03	3			207							55	130	23	2					
	1918	232	53.8	.223	12.00	4			228							1			10	190	27	4		
New Hampshire:																								
5 establishments....	1916	179	55.0	.156	8.59				179							3	23	106	15	8	9	3		
	1918	185	53.9	.235	12.65	3			182									5		122	39	11		
Other States:																								
10 establishments....	1916	94	54.4	.141	7.64				93		1				1	12	32	31	18					
	1918	103	53.9	.209	11.25	7			91		5					1	13	8	20	28	26	2		
Total:																								
43 establishments....	1916	660	55.6	.136	7.53	3			479	86	92		34	8	15	103	133	273	65	17	9	3		
	1918	723	54.7	.210	11.44	24			586		113			1	18	23	55	81	40	360	121	18		

## GENERAL TABLES.

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TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

44

MANUFACTURING—Continued.

WAGES AND HOURS OF LABOR—COTTON GOODS.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—											
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.

SLUBBER TENDERS: Female.

Massachusetts: 5 establishments....	1916	20	54.0	\$0.205	\$11.05				20							1		3	5	11				
	1918	22	54.0	.285	15.41				22								1		1	3	6	11		
Pennsylvania: 4 establishments....	1916	24	54.0	.159	8.57				24						2	1	12	4	4		1			
	1918	26	54.0	.203	10.98				26									5	10	7	4			
Other States: 4 establishments....	1916	16	54.6	.211	11.51				14	2							2		2	10	2			
	1918	19	54.4	.291	15.76				19											6	8	2		3
Total: 13 establishments....	1916	60	54.2	.188	10.18				58	2					2	2	14	7	11	21	3			
	1918	67	54.0	.257	13.87				67								1	5	11	16	18	13		3

SPEEDER TENDERS: Male.

Alabama: 6 establishments....	1916	160	60.0	\$0.147	\$8.79						160			4	6	23	37	32	33	19	6			
	1918	112	60.0	.204	12.26						112				2	4	6	10	10	13	48	14	5	
Georgia: 12 establishments....	1916	211	60.0	.155	9.33						211		2	5	2	5	33	79	47	29	7	2		
	1918	225	60.0	.229	13.73						225			1			4	3	8	30	101	75	3	
Massachusetts: 18 establishments....	1916	198	54.0	.229	12.36				198							1	3	5	22	9	99	46	13	
	1918	193	54.0	.349	18.81	1			192								1				5	34	116	37
North Carolina: 22 establishments....	1916	381	60.0	.159	9.51						381				3	20	73	112	90	45	38			
	1918	345	60.0	.249	14.97						343	2					2	5	19	21	130	128	39	1



TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

MANUFACTURING—Continued.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—											
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.
SPINNERS, MULE: Male.																							
Connecticut: 3 establishments....	1916	74	55.0	\$0.318	\$17.48				74											10	8	56	----
	1918	75	55.0	.426	23.44				75											2	2	17	54
Maine: 3 establishments....	1916	39	53.0	.292	16.94					39										5	15	19	----
	1918	22	54.0	.514	27.74				22												1		21
Massachusetts: 7 establishments....	1916	155	54.0	.395	21.34				155									1	2	32	30	90	----
	1918	147	54.0	.537	28.98				147												24	123	----
Rhode Island: 3 establishments....	1916	52	54.0	.286	15.44				52											2	40	10	----
	1918	43	54.0	.423	22.84				43													14	34
Other States: 1 establishment....	1916	14	54.0	.305	16.45				14											2	3	9	----
	1918	11	54.0	.461	24.90				11													1	10
Total: 17 establishments....	1916	334	54.7	.345	18.85				295	39									1	21	98	124	90
	1918	303	54.3	.487	26.40				303											2	3	56	242
SPINNERS, FRAME: Male.																							
Massachusetts: 10 establishments....	1916	209	54.0	\$0.189	\$10.21				209						8	15	30	36	25	84	11	----	
	1918	166	53.6	.291	15.63	8			158					2	1	4	3	4	7	28	32	71	14
New Hampshire: 3 establishments....	1916	52	55.0	.202	11.14				52								3	5	13	28	3	----	



South Carolina:	1918	15	54.0	.307	16.55				15											6	9	
14 establishments...	1916	93	60.0	.092	5.51					98		40	10	12	18	9	9					
Other States:	1918	84	54.6	.150	8.22	31				53		2			19	14	20	15	4	9	1	
14 establishments...	1916	130	58.7	.164	9.61				23	16	91		17	2	2	16	15	14	7	12	30	13
	1918	73	54.7	.258	14.12	7			47		19			1	1	3	2	4	3	19	17	20
Total:																						
41 establishments...	1916	489	56.6	.164	9.21				284	16	189		57	12	14	42	39	56	48	50	142	27
	1918	338	54.1	.249	13.50	46			220		72		2	2	1	21	21	25	23	14	56	56
																						100
																						17

SPINNERS, FRAME: Female.

Alabama:	1916	587	60.1	\$0.105	\$6.29					558	29	112	62	112	111	123	40	20	1	1		
8 establishments...	1918	501	59.0	.169	10.00	39			3	440	19	14	7	8	53	61	75	65	65	124	25	1
Connecticut:	1916	172	55.0	.183	10.05				172						7	5	28	41	44	43	4	
4 establishments...	1918	173	54.4	.264	14.34	11			162						1	1	7	6	40	83	35	
Georgia:	1916	789	60.0	.114	7.00					789		104	54	83	204	189	104	30	18	3		
12 establishments...	1918	739	59.8	.170	10.14	19				699	21	5	5	15	48	116	115	131	138	151	15	
Maine:	1916	544	58.0	.174	10.11					544		1		6	21	50	113	63	184	104	2	
5 establishments...	1918	586	58.8	.290	15.57	16			570						1	2	15	23	110	166	261	8
Massachusetts:	1916	1,739	53.9	.185	9.96	14			1,725			2		1	24	55	161	485	544	462	5	
20 establishments...	1918	1,822	53.7	.277	14.84	64			1,758						5	3	13	17	36	365	865	507
New Hampshire:	1916	1,202	55.0	.188	10.32				1,202			1	1	1	14	51	74	144	673	217	26	
5 establishments...	1918	1,268	53.9	.279	15.04	8			1,260						1	1	6	14	26	162	728	311
New York:	1916	215	54.0	.183	9.89				215			2	1	3	5	12	27	43	66	55	1	
2 establishments...	1918	209	54.0	.266	14.39				209						2	1	1	7	4	46	115	33
North Carolina:	1916	853	60.0	.111	6.65					853		136	60	75	252	199	100	23	7	1		
22 establishments...	1918	844	58.5	.186	10.88	88				756					26	86	126	136	169	262	33	6
Pennsylvania:	1916	118	54.0	.141	7.63				118			1			9	40	46	16	4	2		
4 establishments...	1918	133	53.0	.184	9.75	14			119					1		31	29	32	37	2		
Rhode Island:	1916	211	54.0	.190	10.36				211						6	22	14	43	43	69	13	1
3 establishments...	1918	272	53.8	.303	16.32	7			265						2	1	7	7	26	90	120	19
South Carolina:	1916	1,276	60.0	.104	6.22				11		1,265		240	141	147	379	285	66	12	5	1	
19 establishments...	1918	1,176	56.5	.168	9.78	141					1,035		15	8	25	65	141	225	263	202	204	24
Total:																						
104 establishments...	1916	7,706	57.2	.149	8.42	14			3,654	544	3,465	20	509	310	428	1,032	1,076	773	920	1,589	958	51
	1918	7,723	55.9	.233	12.90	407			4,343	3	2,900	40	54	20	49	1,032	1,076	773	920	1,589	958	51
																						1
																						178
																						4

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

MANUFACTURING—Continued.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—												
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.
DOFFERS: Male.																								
Alabama: 8 establishments....	1916 1918	324 282	60.2 58.8	\$0.131 .189	\$6.42 11.11	.....	.....	.....	.....	.....	306 238	18 16	71 2	26 6	34 17	107 20	39 19	28 38	9 34	8 23	2 52	..... 58	..... 13	
Connecticut: 4 establishments....	1916 1918	81 73	55.0 51.4	.168 .248	9.26 12.74	..... 26	.....	.....	81 47	.....	.....	.....	.....	.....	.....	3	2	24	34	17 11	4 25	..... 24	..... 10	
Georgia: 12 establishments....	1916 1918	497 385	60.0 59.7	.124 .213	7.44 12.73	..... 13	.....	.....	.....	.....	497 358	..... 14	41	29	50 3	131 2	68 23	100 25	51 34	7 73	18 146	2 53	..... 26	
Maine: 3 establishments....	1916 1918	129 111	58.0 53.8	.158 .278	9.07 14.96	..... 2	.....	.....	.....	129	.....	.....	2	2	9	3	9	50	24 4	17	12 9	1 76	..... 22	
Massachusetts: 20 establishments....	1916 1918	491 455	53.3 52.7	.183 .278	9.78 14.68	37 68	.....	.....	454 387	.....	.....	.....	.....	.....	1	10	8	90 2	133 6	163 19	63 119	21 191	2 90	
New Hampshire: 4 establishments....	1916 1918	342 285	55.0 53.4	.184 .301	10.11 16.07	..... 7	.....	.....	342 278	.....	.....	.....	.....	.....	.....	5	10	8 2	131 2	111 6	76 25	1 110	..... 132	
New York: 2 establishments....	1916 1918	92 77	54.8 54.4	.194 .288	10.62 15.68	..... .....	.....	.....	80 72	.....	12 5	.....	.....	.....	1	1	2	5	29	19	24 11	11 33	..... 33	
North Carolina: 22 establishments....	1916 1918	511 503	60.0 56.6	.104 .191	8.54 10.84	..... 118	.....	.....	.....	.....	511 385	.....	122	70	25	131 9	79 17	71 79	10 105	3 108	..... 148	..... 28	..... 9	
Rhode Island: 3 establishments....	1916 1918	83 106	54.0 53.7	.197 .337	10.64 18.07	..... 4	.....	.....	83 102	.....	.....	.....	.....	.....	1	.....	2	6 3	19 2	14 1	36 8	5 28	..... 40	

South Carolina:																						
19 establishments...	1916	644	60.0	.100	6.02			6		638		112	85	82	235	84	36	4	6			
1918	545	58.1	.188	10.92	67				478		3		1	8	52	73	114	95	158	37	4	
Other States:																						
2 establishments....	1916	12	51.2	.121	6.20		9	3						6	4	2						
1918	9	53.0	.149	7.87	1			8							4	2	2	1				
Total:																						
99 establishments...	1916	3,206	57.9	.139	8.15	37	9	1,049	129	1,964	18	348	212	203	629	307	420	444	365	235	41	2
1918	2,831	56.1	.231	12.89	333			1,003	1	1,464	30	5	6	21	42	116	224	303	337	701	638	379

**DOFFERS:** Female.

[illegible]

**SPOOLER TENDERS: Female.**

[illegible]

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

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MANUFACTURING—Continued.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—							Employees whose earnings per hour were—											
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.

SPOOLER TENDERS: Female—Concluded.

Massachusetts: 20 establishments...	1916	845	53.8	\$0.169	\$9.11	15	...	...	830	...	...	...	1	3	4	59	97	205	194	117	148	16	1	...
	1918	901	53.3	.252	13.34	63	...	33	805	...	...	...	...	...	1	1	8	25	50	66	340	232	174	4
New Hampshire: 5 establishments...	1916	464	55.0	.178	9.78	...	...	...	464	...	...	...	...	1	3	16	40	71	94	113	121	5	...	...
	1918	525	54.0	.204	14.25	1	...	...	524	...	...	...	...	...	...	1	5	7	13	28	181	213	127	...
New York: 2 establishments...	1916	77	54.0	.190	10.25	...	...	...	77	...	...	...	...	...	...	2	4	11	12	20	24	4	...	...
	1918	85	54.0	.237	12.79	...	...	...	85	...	...	...	...	...	1	...	4	3	5	8	26	25	13	...
North Carolina: 22 establishments...	1916	462	60.0	.110	6.58	...	...	...	...	462	...	...	51	39	67	151	106	35	12	1	...	...	...	...
	1918	475	59.6	.168	10.00	12	...	...	4	459	...	...	...	1	...	33	80	107	93	70	73	17	1	...
Pennsylvania: 4 establishments...	1916	57	53.9	.132	7.12	...	...	1	56	...	...	...	...	1	1	8	28	13	6	...	...	...	...	...
	1918	65	54.2	.166	8.99	1	...	...	64	...	...	...	1	...	1	1	5	27	10	8	11	1	...	...
Rhode Island: 3 establishments...	1916	122	54.0	.163	8.83	...	...	...	122	...	...	...	...	...	...	8	20	8	52	21	13	...	...	...
	1918	108	53.8	.237	12.76	2	...	...	106	...	...	...	...	...	...	...	...	8	8	43	41	7	...	...
South Carolina: 19 establishments...	1916	571	60.0	.094	5.66	...	...	...	5	...	566	...	140	104	115	141	52	14	4	...	...	1	...	...
	1918	549	58.6	.149	8.71	46	...	...	...	...	503	...	15	9	13	90	113	116	90	47	47	6	2	...
Total: 104 establishments...	1916	3,662	57.2	.137	7.73	15	...	1	1,654	270	1,714	8	337	247	298	625	495	515	460	326	329	28	2	...
	1918	3,750	56.2	.207	11.46	152	...	33	1,966	1	1,589	9	29	20	52	212	336	441	421	332	869	663	370	5

WAGES AND HOURS OF LABOR—COTTON GOODS.

WARPER TENDERS: Male.

North Carolina:																				
17 establishments...	1916	52	60.0	\$0.160	\$9.58								2	8	21	10	5	6		
	1918	53	60.0	.256	14.14					52				1	1	1	4	29	15	2
Other States:																				
8 establishments...	1916	23	58.2	.212	12.29				7	16			1	1	3	6	1	2	7	2
	1918	21	58.8	.268	15.97				5	19						2		6	8	7
Total:																				
25 establishments...	1916	75	59.4	.176	10.41				7	68			3	9	24	16	6	8	7	2
	1918	77	59.6	.247	14.71				5	72				1	1	3	4	35	23	9

WARPER TENDERS: Female.

Alabama:																				
7 establishments...	1916	24	60.2	\$0.149	\$8.96					22	2		4	8	4	3	5			
	1918	31	60.1	.200	11.93				1	28	2			2	1	11	4	10	1	2
Connecticut:																				
4 establishments...	1916	25	55.0	.201	11.08			25							3	12	1	3	4	2
	1918	26	55.0	.262	14.15			26								3	2	11	1	8
Georgia:																				
10 establishments...	1916	42	60.0	.140	8.37					42			7	16	8	9	2			
	1918	40	60.0	.184	11.04					40			1	1	7	8	13	8	2	
Maine:																				
4 establishments...	1916	57	58.0	.182	10.52			57				1		6	7	14	15	14		
	1918	58	54.0	.273	14.75			58								2		14	24	18
Massachusetts:																				
20 establishments...	1916	186	54.0	.192	10.38			186						7	18	53	52	43	10	3
	1918	208	53.9	.275	14.80	1	6	201								4	57	88	54	5
New Hampshire:																				
5 establishments...	1916	117	55.0	.201	11.05			117				1	3	13	17	22	51	10		
	1918	118	54.0	.293	15.71			118								2	22	45	46	3
North Carolina:																				
7 establishments...	1916	17	60.0	.130	7.82					17				13	4					
	1918	17	60.0	.196	11.78					17						6	6	2	3	
Rhode Island:																				
3 establishments...	1916	23	54.0	.214	11.57			23								1	6	15	1	
	1918	24	54.0	.301	16.27			24								1	3	11	7	2
South Carolina:																				
14 establishments...	1916	43	59.9	.134	8.00			1		42		1	11	15	8	7		1		
	1918	41	60.0	.198	11.91					41				2	2	11	12	7	6	1
Other States:																				
4 establishments...	1916	28	54.0	.184	10.31			28						4	5	3	3	11	1	1
	1918	22	54.0	.238	11.90			22							1	5		5	9	2
Total:																				
78 establishments...	1916	562	56.0	.182	10.15			380	57	123	2		2	23	72	70	119	106	138	26
	1918	585	55.3	.259	14.20	1	6	449	1	126	2		1	5	11	46	44	139	190	138



TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

MANUFACTURING—Continued.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—										
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.

BEAMER TENDERS: Male.

Massachusetts: 8 establishments.....	1916	198	54.0	\$0.367	\$16.92				198										2	3	6	33	152	2
	1918	149	54.0	.479	25.87				149													1	7	141
North Carolina: 7 establishments.....	1916	89	60.0	.191	11.47						89		1			1		9	22	20	33	3		
	1918	87	60.1	.300	18.47						86	1							1	2	13	31	27	13
Other States: 7 establishments.....	1916	41	57.2	.238	13.43				21		20					6			1	6	10	4	14	
	1918	34	57.3	.338	19.24				17		17									1	2	7	15	9
Total: 22 establishments.....	1916	328	56.0	.271	15.01				219		109		1			7		9	25	29	49	40	166	2
	1918	270	56.4	.405	22.65				166		103	1						1	1	3	15	39	49	163

SLASHER TENDERS: Male.

Alabama: 7 establishments.....	1916	24	60.1	\$0.145	\$8.69						23	1				1	9	10	1	1	2			
	1918	29	60.0	.216	12.96						28	1							1	2	2	2	2	
Georgia: 11 establishments.....	1916	63	60.0	.154	9.26						63			5		1		30	19					
	1918	62	60.0	.236	14.25						62							3		3	40	8	7	1
Maine: 5 establishments.....	1916	46	58.0	.237	13.74					46											44	2		
	1918	44	54.0	.374	20.17				44														37	7

[illegible]

**DRAWERS-IN: Female.**

[illegible]





TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

MANUFACTURING—Continued.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—												
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.
WEAVERS: Male—Concluded.																								
North Carolina: 21 establishments...	1916 1918	1,266 1,099	60.0 53.8	\$0.167 .251	\$10.09 15.03	----- 7	----- -----	----- -----	----- -----	----- -----	1,266 1,092	----- -----	----- -----	----- -----	75 7	148 11	303 30	322 59	265 65	139 364	12 376	2 182	----- 5	
Pennsylvania: 2 establishments...	1916 1918	70 53	53.8 53.4	.187 .222	10.08 11.87	----- 4	----- -----	3 -----	67 55	----- -----	----- -----	----- -----	----- -----	6 -----	4 2	7 5	13 3	13 7	24 25	12 2	1 5	----- -----		
Rhode Island: 3 establishments...	1916 1918	599 557	54.0 53.9	.245 .359	13.24 19.38	----- 3	----- -----	----- -----	599 554	----- -----	----- -----	----- -----	----- -----	5 4	16 3	20 7	35 4	45 10	182 30	192 61	102 271	2 167		
South Carolina: 18 establishments...	1916 1918	1,360 999	59.9 59.9	.153 .232	9.19 13.89	----- 11	----- -----	----- -----	14 -----	----- -----	1,346 985	----- 3	----- 1	----- 1	193 5	275 30	363 48	276 82	151 111	96 385	6 214	----- 112	8	
Total: 100 establishments...	1916 1918	10,279 8,250	56.7 56.2	.205 .302	11.54 16.81	19 52	----- -----	3 -----	5,621 5,151	674 22	3,959 3,019	3 6	2 3	----- 3	4 5	457 33	801 90	1,173 153	1,271 283	1,281 365	3,014 1,454	1,805 1,797	452 3,008	19 1,056



## GENERAL TABLES.

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TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

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MANUFACTURING—Continued.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—										
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.

TRIMMERS OR INSPECTORS: Female.

Alabama:																								
8 establishments....	1916	68	60.4	\$0.096	\$5.82						58	10	4	19	11	27	7							
	1918	81	60.2	.139	8.36						75	6				6	30	37	5	3				
Connecticut:																								
4 establishments....	1916	42	55.0	.149	8.17				42								5	26	11					
	1918	43	54.8	.200	10.98	1			42											24	19			
Georgia:																								
10 establishments..	1916	87	59.8	.097	5.78					8	79		8	23	20	30	3	2			1			
	1918	79	60.0	.136	8.15						79					11	41	18	6	2	1			
Maine:																								
5 establishments....	1916	161	58.0	.118	6.86					161						64	89	8						
	1918	190	54.0	.187	10.08				190										46	109	35			
Massachusetts:																								
20 establishments....	1916	267	53.6	.150	8.01	16			251							2	120	71	34	35	4	1		
	1918	347	53.6	.208	11.34	14			333										68	94	150	30	3	2
New Hampshire:																								
5 establishments....	1916	123	55.0	.171	9.42				123								21	27	21	30	24			
	1918	118	54.0	.236	12.82				118											6	91	21		
North Carolina:																								
11 establishments....	1916	43	60.0	.100	6.02						43		1	15	1	15	11							
	1918	54	59.2	.142	8.42	3					51					16	9	17	5	6	1			
Rhode Island:																								
2 establishments....	1916	38	54.0	.167	9.02				38									22	6	4	6			
	1918	48	54.0	.233	12.57				48											1	36	10	1	
South Carolina:																								
14 establishments....	1916	115	60.0	.086	5.13						115		30	34	24	25	2							
	1918	148	58.7	.132	7.62	13					135			3	5	37	34	57	12					

WAGES AND HOURS OF LABOR—COTTON GOODS.



TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Concluded.

MANUFACTURING—Concluded.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—												
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.

OTHER EMPLOYEES: Female.

Alabama:																								
8 establishments....	1916	312	60.3	\$0.080	\$4.82						284	28	170	25	44	51	15	6			1			
	1918	400	58.5	.122	7.15	43					349	8	34	21	22	108	86	69	55	3		1	1	
Connecticut:																								
4 establishments....	1916	189	55.0	.153	8.42				189				13	2	6	19	17	31	33	33	28			1
	1918	177	53.5	.219	11.71	26			151					1	1	3	8	11	15	15	79	39	5	
Georgia:																								
10 establishments....	1916	206	60.0	.097	5.82					206			65	24	14	56	30	9	1	4	3			
	1918	344	57.3	.146	8.43	63				280	1		20	3	8	41	86	72	39	39	25	9	2	
Maine:																								
5 establishments....	1916	303	58.0	.140	8.12					303			14	7	18	60	61	54	24	43	22			
	1918	290	53.4	.225	12.03	20			270				4			5	12	17	28	36	83	67	38	
Massachusetts:																								
20 establishments....	1916	1,954	53.3	.156	8.57	151			1,803				65	46	92	151	301	453	230	394	178	39	2	3
	1918	2,221	52.9	.275	14.60	270	5	2	1,947				10	5	9	18	49	78	148	289	905	466	234	13
New Hampshire:																								
5 establishments....	1916	1,565	54.9	.166	9.13	1			1,564				56	7	8	44	357	287	206	376	193	16	4	11
	1918	1,756	53.3	.235	12.53	153	9	17	1,577				4	5	2	20	35	30	60	271	646	501	162	20
North Carolina:																								
22 establishments....	1916	433	60.0	.093	5.61					433			133	42	39	132	52	27	7	1				
	1918	476	58.1	.143	8.36	59				417			23	15	28	85	54	94	81	60	29	7		
Pennsylvania:																								
5 establishments....	1916	227	53.9	.133	7.18			5	222				6	4	11	52	86	24	19	15	8	2		
	1918	138	53.9	.179	9.64	1			137						2	1	7	42	25	21	37	2	1	
Rhode Island:																								
3 establishments....	1916	183	54.0	.145	7.83				183				15	5	12	15	40	48	8	8	27	3	2	
	1918	167	53.2	.229	12.21	15			152					1	1	3		10	16	24	64	27	19	2





TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918.

## MANUFACTURING.

State.	Piece workers or time work- ers.	Num- ber of estab- lish- ments.	Num- ber of emp- loy- ees.	Aver- age full- time hours per week.	Aver- age earn- ings per hour.	Aver- age full- time week- ly earn- ings.	Employees whose full-time hours per week were—							Employees whose earnings per hour were—												
							Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.

## CARD STRIPPERS: Male.

Alabama.....	Piece..	1	1	60.0	\$0.167	\$10.02						1							1							
	Time..	8	25	60.3	.197	11.86						21	4					5	5	3	11	1				
	Total..	8	26	60.3	.196	11.79						22	4					5	6	3	11	1				
Georgia.....	Piece..	2	3	60.0	.163	9.80						3						2		1						
	Time..	12	70	60.0	.192	11.52						69	1				2	7	15	27	10	8	1			
	Total..	12	73	60.0	.191	11.45						72	1				2	9	15	28	10	8	1			
Maine.....	Time..	5	62	53.7	.264	14.16	2			60										44	6	8	4			
Massachusetts.....	Time..	20	212	54.4	.303	16.51				202		8								15	116	69	11	1		
New Hampshire.....	Time..	5	112	54.1	.311	16.85				110		2								4	49	57	2			
New York.....	Time..	2	24	54.0	.316	17.05				24										7	6	7	3	1		
North Carolina.....	Piece..	2	8	60.0	.188	11.30						8						1		5	2					
	Time..	20	64	60.0	.205	12.29						64						3	20	15	16	9	1			
	Total..	22	72	60.0	.203	12.18						72						4	20	20	18	9	1			
Rhode Island.....	Time..	3	36	54.1	.322	17.39	1			33		2									2	13	17	4		
South Carolina.....	Piece..	2	3	60.0	.168	10.08						3								1						
	Time..	19	51	60.0	.189	11.35						51			1	2	7	18	6	10	6	1				
	Total..	20	54	60.0	.188	11.28						54			1	3	8	18	6	11	6	1				
Other States.....	Time..	9	48	54.5	.283	15.41	1			47									1	13	20	14				

All States.....	Piece..	7	15	60.0	.178	11.67	.....	.....	.....	.....	15	.....	.....	.....	1	4	1	6	3	.....	.....	.....	.....	.....	.....
	Time..	103	704	56.0	.269	14.93	4	.....	.....	476	.....	211	13	.....	1	4	22	58	52	32	234	175	24	2	.....
	Total..	106	719	56.1	.267	14.84	4	.....	.....	476	.....	226	13	.....	1	5	26	59	58	135	234	175	24	2	.....

DRAWING-FRAME TENDERS: Male.

Alabama.....	Piece..	1	1	60.0	\$0.266	\$15.96	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
	Time..	4	14	60.3	.155	9.38	.....	.....	.....	.....	12	2	.....	.....	5	3	4	2	.....	.....	.....	.....	.....	.....	.....	.....
	Total..	4	15	60.3	.163	9.81	.....	.....	.....	.....	13	2	.....	.....	5	3	4	2	.....	.....	1	.....	.....	.....	.....	.....
Georgia.....	Piece..	2	14	60.0	.183	10.97	.....	.....	.....	.....	14	.....	.....	.....	5	1	2	5	3	2	1	.....	.....	.....	.....	.....
	Time..	10	61	60.0	.159	9.56	.....	.....	.....	.....	61	.....	.....	.....	5	12	21	9	4	10	.....	.....	.....	.....	.....	.....
	Total..	11	75	60.0	.164	9.82	.....	.....	.....	.....	75	.....	.....	.....	5	13	23	14	7	12	1	.....	.....	.....	.....	.....
Maine.....	Piece..	1	1	54.0	.203	10.96	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
	Time..	3	11	53.2	.255	13.60	1	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	1	.....	3	6	1	.....	.....	.....	.....
	Total..	3	12	53.3	.251	13.38	1	.....	.....	11	.....	.....	.....	.....	.....	.....	.....	1	.....	4	6	1	.....	.....	.....	.....
Massachusetts.....	Piece..	1	5	54.0	.253	13.68	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	1	2	2	.....	.....	.....	.....	.....	.....
	Time..	12	72	54.4	.248	13.52	3	.....	.....	64	.....	5	.....	.....	.....	.....	4	5	34	20	9	.....	.....	.....	.....	.....
	Total..	13	77	54.4	.247	13.44	3	.....	.....	69	.....	5	.....	.....	.....	.....	4	6	36	22	9	.....	.....	.....	.....	.....
New Hampshire.....	Piece..	1	1	54.0	.344	18.58	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
	Time..	2	18	54.0	.256	13.84	.....	.....	.....	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	8	1	.....	.....	.....	.....
	Total..	3	19	54.0	.261	14.09	.....	.....	.....	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	8	2	.....	.....	.....	.....
North Carolina.....	Piece..	6	46	60.0	.225	13.47	.....	.....	.....	46	.....	.....	.....	1	3	2	3	5	19	8	5	.....	.....	.....	.....	.....
	Time..	19	77	60.1	.194	11.66	1	.....	.....	75	1	.....	.....	.....	2	15	14	10	35	1	.....	.....	.....	.....	.....	.....
	Total..	22	123	60.0	.206	12.34	1	.....	.....	121	1	.....	.....	1	5	17	17	15	54	9	5	.....	.....	.....	.....	.....
Rhode Island.....	Time..	3	16	49.5	.276	13.75	8	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	11	1	1	.....	.....	.....
South Carolina.....	Piece..	4	29	60.0	.187	11.24	.....	.....	.....	29	.....	.....	.....	1	4	4	4	5	8	3	.....	.....	.....	.....	.....	.....
	Time..	16	110	56.7	.155	8.87	25	.....	.....	85	.....	1	5	11	31	18	23	4	14	2	1	.....	.....	.....	.....	.....
	Total..	20	139	57.4	.162	9.37	25	.....	.....	114	.....	1	5	12	35	22	27	9	22	5	1	.....	.....	.....	.....	.....
Other States.....	Time..	5	39	54.2	.223	12.10	1	.....	.....	38	.....	.....	.....	.....	.....	2	16	1	10	3	7	.....	.....	.....	.....	.....
All States.....	Piece..	16	97	59.6	.210	12.51	.....	.....	.....	7	.....	90	.....	.....	2	8	8	12	14	32	15	6	.....	.....	.....	.....
	Time..	74	418	56.8	.197	11.08	39	.....	.....	138	.....	233	8	1	5	16	50	59	71	26	118	51	20	1	.....	.....
	Total..	84	515	57.3	.199	11.37	39	.....	.....	145	.....	323	8	1	5	18	58	67	83	40	150	66	26	1	.....	.....

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

MANUFACTURING—Continued.

State.	Piece workers or time workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—													
							Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.
DRAWING-FRAME TENDERS: Female.																										
Alabama.....	Time..	7	80	59.8	\$0.143	\$8.57	1					79		1	11	24	24	18	1	1						
Georgia.....	Piece..	1	12	60.0	.146	8.78						12				2	9		1							
	Time..	7	48	60.0	.142	8.52						48		1	7	14	18	6			1	1				
	Total..	8	60	60.0	.143	8.57						60		1	7	16	27	6	1		1	1				
Maine.....	Time..	4	101	53.2	.209	11.16	9			92								47	6	19	29					
Massachusetts.....	Time..	17	277	53.7	.226	12.17	8			269						2	2		10	196	63	4				
New Hampshire.....	Piece..	2	75	53.7	.253	13.54	3			72									5	34	27	9				
	Time..	5	110	54.0	.223	12.04				110									5	3	88	12	2			
	Total..	5	185	53.9	.235	12.65	3			182									5	8	122	39	11			
Other States.....	Time..	14	115	54.0	.208	11.20	9			98		8			1	1	20	9	20	36	26	2				
All States.....	Piece..	3	87	54.5	.238	12.88	3			72		12				2	9		6	34	27	9				
	Time..	54	731	54.8	.203	11.22	27			569		135		2	19	41	64	85	40	340	131	9				
	Total..	55	818	54.8	.209	11.40	30			641		147		2	19	43	73	85	46	374	158	18				

SLUBBER TENDERS: Male.

124794°-19-Bull. 262-5	Alabama.....	Piece..	7	60	60.0	\$0.222	\$13.31									60						3	4	4	6	29	6	8					
	Time..	3	10	55.6	.155	8.84		4								2	4					2	2	2	2	2							
		Total..	8	70	59.4	.212	12.67		4							62	4					2	5	6	4	8	31	6	8				
	Connecticut.....	Piece..	4	15	55.0	.323	17.78								15												1	14					
		Time..	1	4	55.0	.343	18.84							4														4					
		Total..	4	19	55.0	.327	18.00							19													1	18					
	Georgia.....	Piece..	12	68	60.0	.231	13.89									68							4	2	5	34	20	3					
		Time..	3	14	60.0	.224	13.47								14									1	2	8	3						
		Total..	12	82	60.0	.230	13.81								82								4	3	7	42	23	3					
	Maine.....	Piece..	5	86	54.0	.389	21.00							86											2	5	46	27	6				
	Massachusetts.....	Piece..	18	141	54.0	.365	19.70							141									1			3	12	89	33	2	1		
		Time..	3	11	54.0	.304	16.43							11													3	8					
		Total..	20	152	54.0	.360	19.47							152									1			3	15	97	33	2	1		
	New Hampshire.....	Piece..	5	127	54.0	.383	20.69							127													9	71	46	1			
		Time..	1	3	54.0	.287	15.50							3													3						
		Total..	5	130	54.0	.381	20.57							130														12	71	46	1		
	North Carolina.....	Piece..	17	74	60.2	.249	14.97								73	1						1	1	4	4	23	35	6					
		Time..	6	11	60.0	.180	10.82								11								1	1	5	3	2						
		Total..	22	85	60.2	.240	14.44								84	1						1	2	9	7	25	35	6					
	Rhode Island.....	Piece..	3	25	54.0	.401	21.66							25													1	12	11			1	
	South Carolina.....	Piece..	20	103	60.0	.228	13.68								103							2	8	5	12	44	27	5					
		Time..	1	2	60.0	.179	10.74								2									1	1								
		Total..	20	105	60.0	.227	13.63								105							2	8	6	13	44	27	5					
	Other States.....	Piece..	2	11	54.0	.296	15.99							11													7	4					
		Time..	1	1	54.0	.260	14.04							1													1						
		Total..	3	12	54.0	.293	15.83							12														8	4				
	All States.....	Piece..	93	710	56.6	.314	17.54							405	304	1						6	18	15	27	135	123	258	117	9	2		
		Time..	19	56	57.3	.230	13.11	4					19	29	29	4					2	2	3	7	8	12	10	12					
		Total..	103	766	56.7	.307	17.22	4					424		333	5					2	8	21	22	35	147	133	270	117	9	2		



TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

MANUFACTURING—Continued.

State.	Piece workers or time work- ers.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Aver- age full- time hours per week.	Aver- age earn- ings per hour.	Aver- age full- time week- ly earn- ings.	Employees whose full-time hours per week were—							Employees whose earnings per hour were—														
							Un- der 48.	48.	Over 48 and un- der 54.	54 and un- der 57.	57 and un- der 60.	60.	Over 60.	Un- der 8 cts.	8 and un- der 10 cts.	10 and un- der 12 cts.	12 and un- der 14 cts.	14 and un- der 16 cts.	16 and un- der 18 cts.	18 and un- der 20 cts.	20 and un- der 25 cts.	25 and un- der 30 cts.	30 and un- der 40 cts.	40 and un- der 50 cts.	50 and un- der 60 cts.	60 cts. and over.		
SLUBBER TENDERS: Female.																												
Massachusetts.....	Piece..	5	22	54.0	\$0.289	\$15.60				22								1	1	1		6	12					
	Time..	2	3	54.0	.224	12.12				3											3							
	Total..	6	25	54.0	.281	15.18				25								1	1	1	4	6	12					
Pennsylvania.....	Piece..	4	11	54.0	.226	12.22				11										3	4	4						
	Time..	3	15	54.0	.186	10.07				15									5	7	3							
	Total..	4	26	54.0	.203	10.98				26										5	10	7	4					
Other States.....	Piece..	7	23	54.4	.291	15.76				22		1						1			7	9	3	3				
All States.....	Piece..	16	56	54.2	.277	15.00				55		1						2	1	4	12	19	15	3				
	Time..	5	18	54.0	.193	10.41				18									5	7	6							
	Total..	17	74	54.1	.257	13.89				73		1						2	6	11	18	19	15	3				

SPEEDER TENDERS: Male.

Alabama.....	Piece..	7	107	60.0	\$0.208	\$12.24						107			2	4	6	6	7	13	48	16	5			
	Time..	1	7	60.0	.158	9.50						7					4	4	3							
	Total..	7	114	60.0	.205	12.08						114			2	4	6	10	10	13	48	16	5			
Georgia.....	Piece..	12	215	60.0	.231	13.83						215			1		4	3	7	22	101	74	3			
	Time..	2	10	60.0	.191	11.48						10						1	8		1					



	Total..	12	225	60.0	.229	13.73	.....	.....	.....	.....	225	.....	.....	1	.....	4	3	8	30	101	75	3	.....	.....	.....
Massachusetts.....	Piece..	17	158	54.0	.358	19.33	.....	.....	.....	158	.....	.....	.....	.....	1	.....	.....	.....	.....	2	13	112	30	.....	.....
	Time..	5	45	53.8	.305	16.43	1	.....	.....	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	21	14	7	.....	.....
	Total..	19	203	54.0	.346	18.69	1	.....	.....	202	.....	.....	.....	.....	1	.....	.....	.....	.....	5	34	126	37	.....	.....
North Carolina.....	Piece..	21	327	60.1	.253	15.21	.....	.....	.....	.....	325	2	.....	.....	2	1	10	20	126	128	39	1	.....	.....	
	Time..	2	18	60.0	.175	10.51	.....	.....	.....	.....	18	.....	.....	.....	.....	4	9	1	4	.....	.....	.....	.....	.....	
	Total..	22	345	60.0	.249	14.97	.....	.....	.....	.....	343	2	.....	.....	2	5	19	21	130	128	39	1	.....	.....	
South Carolina.....	Piece..	20	339	60.1	.220	13.23	.....	.....	.....	.....	338	1	.....	2	4	3	10	31	48	169	57	13	2	.....	.....
Other States.....	Piece..	18	236	54.1	.342	18.49	.....	.....	.....	236	.....	.....	.....	.....	.....	.....	.....	.....	1	6	45	150	32	2	
	Time..	2	16	54.9	.358	19.63	.....	.....	.....	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	13	2	.....	.....	
	Total..	18	252	54.2	.343	18.57	.....	.....	.....	252	.....	.....	.....	.....	.....	.....	.....	.....	1	6	46	163	34	2	.....
All States.....	Piece..	95	1,382	58.3	.265	15.31	.....	.....	.....	394	.....	985	3	.....	5	8	16	20	55	104	452	333	322	65	2
	Time..	12	96	56.2	.267	14.83	1	.....	.....	60	.....	35	.....	.....	.....	8	13	8	13	9	7	23	27	9	.....
	Total..	98	1,478	58.2	.265	15.28	1	.....	.....	454	.....	1,020	3	.....	5	8	16	28	68	113	459	350	349	74	2

## SPEEDER TENDERS: Female.

Alabama.....	Piece..	7	115	60.0	\$0.179	\$10.75					115		2	5	2	12	17	15	22	36	4			
	Time..	2	9	62.0	.152	9.42					1	8					8	1						
	Total..	8	124	60.2	.177	10.65					116	8	2	5	2	12	25	16	22	36	4			
Connecticut.....	Piece..	4	148	55.0	.274	15.08				148										31	88	29		
	Time..	1	9	55.0	.329	18.10				9											9			
	Total..	4	157	55.0	.277	15.25				157										31	88	38		
Georgia.....	Piece..	11	110	60.0	.199	11.95					110			2		4	13	16	18	42	13	2		
	Time..	1	3	60.0	.110	6.60					3				3									
	Total..	11	113	60.0	.197	11.81					113			2	3	4	13	16	18	42	13	2		
Maine.....	Piece..	5	339	54.0	.296	15.96	1			338					1	8	1	4	9	38	76	194	8	
Massachusetts.....	Piece..	20	1,194	54.0	.292	15.77	1			1,193					2	1	2	3	4	174	557	421	29	1
	Time..	7	31	53.7	.247	13.25	1			30							1		15	14	1			
	Total..	20	1,225	54.0	.291	15.70	2			1,223					2	1	2	4	4	189	571	422	29	1

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

MANUFACTURING—Continued.

State.	Piece workers or time workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—													
							Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.

SPEEDER TENDERS: Female—Concluded.

New Hampshire.....	Piece..	5	578	54.0	\$0.303	\$16.38				578									2	7	47	231	280	11		
	Time..	1	9	54.0	.239	12.92				9										6	2	1				
	Total..	5	587	54.0	.302	16.33				587									2	7	53	233	281	11		
New York.....	Piece..	2	135	54.0	.287	14.42				135							1		2	22	101	7	2			
North Carolina.....	Piece..	17	72	60.0	.209	12.53					72		1		1	2	6	7	12	32	9	2				
	Time..	2	3	60.0	.202	12.14					3								1	2						
	Total..	19	75	60.0	.209	12.52					75		1		1	2	6	7	13	34	9	2				
Rhode Island.....	Piece..	3	195	54.0	.305	16.47	1			194					1	4	2	2	3	9	72	89	13			
South Carolina.....	Piece..	18	186	60.0	.200	11.98					186					1	3	12	38	44	73	12	3			
	Time..	1	2	46.0	.137	6.30	2									2										
	Total..	18	188	59.8	.199	11.40	2				186					1	5	12	38	44	73	12	3			
Other States.....	Piece..	4	59	54.0	.231	12.49				59						1		1	9	7	18	20	3			
	Time..	3	17	54.0	.195	10.56				17									2	12	3					
	Total..	5	76	54.0	.223	12.06				76						1		1	11	19	21	20	3			
All States.....	Piece..	96	3,131	55.0	.277	15.17	3			2,645	483		3	7	9	34	55	96	128	522	1,183	1,030	63	1		
	Time..	18	83	55.1	.225	12.93	3			65	7		8			3	2	8	4	13	26	16	11			
	Total..	100	3,214	55.0	.277	15.10	6			2,710	490		8	3	7	12	36	63	100	141	548	1,199	1,041	63	1	

SPINNERS, MULE: Male.

Connecticut.....	Piece..	3	58	55.0	\$0.409	\$22.52				58									2	2	17	37		
	Time..	1	17	55.0	.483	26.58				17											13	4		
	Total	3	75	55.0	.426	23.44				75									2	2	17	50	4	
Maine.....	Piece..	3	22	54.0	.514	27.74				22									1		5	14	2	
Massachusetts.....	Piece..	7	145	54.0	.536	28.96				145											24	21	57	43
	Time..	1	2	54.0	.575	31.05				2												2		
	Total	7	147	54.0	.537	28.98				147											24	21	59	43
Rhode Island.....	Piece..	3	48	54.0	.423	22.84				48											14	33	1	
Other States.....	Piece..	1	11	54.0	.461	24.90				11											1	8	2	
All States.....	Piece..	17	284	54.2	.487	26.37				284									2	3	56	104	74	45
	Time..	2	19	54.9	.493	27.05				19												13	6	
	Total	17	303	54.3	.487	26.40				303									2	3	56	117	80	45

SPINNERS, FRAME: Male.

Massachusetts.....	Piece..	1	51	54.0	\$0.337	\$18.18				51									1	5	43	2		
	Time..	12	128	53.9	.280	15.21	8			109		11			2	1	4	3	4	7	28	27	38	14
	Total	12	179	54.0	.296	16.05	8			160		11			2	1	4	3	4	7	29	32	81	16
New Hampshire.....	Piece..	2	10	54.0	.316	17.07				10											3	7		
	Time..	2	5	54.0	.287	15.52				5											3	2		
	Total	3	15	54.0	.307	16.55				15											6	9		
South Carolina.....	Time..	18	95	54.3	.150	8.16	37				58		4		19	14	22	19	7	9	1			
Other States.....	Time..	20	94	54.9	.245	13.45	10			57		27			2	1	7	3	7	5	22	22	3	
All States.....	Piece..	3	61	54.0	.333	18.00				61											1	8	50	2
	Time..	52	322	54.3	.232	12.62	55			171		96		4	4	21	25	28	30	19	59	53	62	17
	Total	53	383	54.3	.248	13.48	55			232		96		4	4	21	25	28	30	19	60	61	112	19

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

MANUFACTURING—Continued.

State.	Piece workers or time work- ers.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Aver- age full- time hours per week.	Aver- age earn- ings per hour.	Aver- age full- time week- ly earn- ings.	Employees whose full-time hours per week were—							Employees whose earnings per hour were—																	
							Un- der 48.	48.	Over 48 and un- der 54.	54 and un- der 57.	57 and un- der 60.	60.	Over 60.	Un- der 8 cts.	8 and un- der 10 cts.	10 and un- der 12 cts.	12 and un- der 14 cts.	14 and un- der 16 cts.	16 and un- der 18 cts.	18 and un- der 20 cts.	20 and un- der 25 cts.	25 and un- der 30 cts.	30 and un- der 40 cts.	40 and un- der 50 cts.	50 and un- der 60 cts.	60 cts. and over.					
SPINNERS, FRAME: Female.																															
Alabama.....	Time..	8	501	59.0	\$0.169	\$10.00	39				3	440	19	14	15	56	61	75	65	124	25	1									
Connecticut.....	Time..	4	173	54.4	.264	14.34	11				162						1	1	7	6	40	83	35								
Georgia.....	Piece..	1	119	58.9	.161	9.49	9					110			4	8	21	21	32	22	10	1									
	Time..	11	620	59.9	.171	10.26	10					589	21	5	16	40	95	94	99	116	141	14									
	Total..	12	739	59.8	.170	10.14	19					699	21	5	20	48	116	115	131	138	151	15									
Maine.....	Time..	5	586	53.8	.290	15.57	16				570						1	2	15	23	110	166	261	8							
Massachusetts.....	Piece..	2	92	54.0	.326	17.61					92							1		2	25	63	1								
	Time..	20	1,730	53.7	.274	14.70	64				1,666				5	3	13	16	36	363	840	444	10								
	Total..	20	1,822	53.7	.277	14.84	64				1,758				5	3	13	17	36	365	865	507	11								
New Hampshire.....	Piece..	2	306	54.0	.293	15.82					306							3	5	38	120	139									
	Time..	3	962	53.8	.275	14.79	8				954				1	1	5	11	21	124	608	172	18	1							
	Total..	5	1,268	53.9	.279	15.04	8				1,260				1	1	6	14	26	162	728	311	18	1							
New York.....	Time..	2	209	54.0	.266	14.39					209				2	1	1	7	4	46	115	33									
North Carolina.....	Time..	22	844	58.5	.186	10.88	88				756				26	86	126	136	169	262	33	6									
Pennsylvania.....	Piece..	2	37	54.0	.194	10.46					37							7	7	8	13	2									
	Time..	3	96	52.7	.180	9.48	14				82				1		1	24	22	24	24										
	Total..	4	133	53.0	.184	9.75	14				119				1		1	31	29	32	37	2									



Rhode Island.....	Time..	3	272	53.8	.303	16.32	7	-----	-----	265	-----	-----	-----	-----	2	1	7	7	26	90	120	17	2	-----		
South Carolina.....	Time..	20	1,205	59.6	.168	9.78	150	-----	-----	-----	1,055	-----	15	33	65	142	235	207	208	212	24	4	-----	-----		
All States.....	Piece..	7	554	56.1	.263	14.40	9	-----	-----	435	-----	110	-----	4	8	21	29	43	35	63	148	202	1	-----		
	Time..	101	7,198	55.9	.230	12.77	407	-----	-----	3,908	3	2,840	40	34	65	195	394	577	652	679	1,472	1,998	1,076	53	3	-----
	Total	105	7,752	55.9	.233	12.89	416	-----	-----	4,343	3	2,950	40	34	69	203	415	606	695	714	1,535	2,146	1,278	54	3	-----

DOFFERS: Male.

Alabama.....	Piece..	1	54	60.0	\$0.188	\$11.31					54		2	3	1	2	5	12	6	16	6	1			
	Time..	8	228	58.5	.189	11.06	27				1	184	16	20	19	17	33	22	17	36	52	12			
	Total..	8	282	58.8	.189	11.11	27				1	238	16	2	23	20	19	38	34	23	52	58	13		
Connecticut.....	Piece..	1	6	53.3	.269	14.36	1			5									1		5				
	Time..	4	67	51.3	.246	12.60	25			42					3				10	25	19	10			
	Total..	4	73	51.4	.248	12.74	26			47					3				11	25	24	10			
Georgia.....	Piece..	4	102	59.9	.211	12.63	1				101		2		6	9	8	16	40	16	5				
	Time..	10	283	59.6	.214	12.76	12				257	14	1	2	17	16	26	57	106	37	21				
	Total..	12	385	59.7	.213	12.73	13				358	14		3	2	23	25	34	73	146	53	26			
Maine.....	Time..	4	128	53.8	.270	14.54	2			126							4		26	76	22				
Massachusetts.....	Piece..	6	130	52.0	.296	15.49	29			101						1	2	3	41	31	35	17			
	Time..	17	325	53.0	.271	14.35	39			286						1	4	16	78	160	55	11			
	Total..	20	455	52.7	.278	14.68	68			387						2	6	19	119	191	90	28			
New Hampshire.....	Piece..	2	155	52.9	.300	15.86				148								2	7	71	75				
	Time..	2	130	54.0	.302	16.32	7			130						2	2	4	18	39	57	6	2		
	Total..	4	285	53.4	.301	16.07	7			278						2	2	6	25	110	132	6	2		
New York.....	Time..	2	77	54.4	.288	15.68				72		5								11	33	33			
North Carolina.....	Piece..	6	194	59.2	.213	12.61	11				183			3	4	16	19	37	83	23	9				
	Time..	19	309	54.9	.177	9.74	107				202			6	13	63	86	71	65	5					
	Total..	22	503	56.6	.191	10.84	118				385			9	17	79	105	108	148	28	9				
Rhode Island.....	Piece..	1	28	54.0	.381	20.58				28							2			1	3	10	10	2	
	Time..	2	78	53.6	.321	17.16	4			74						1	3		1	7	25	30	8	2	
	Total..	3	106	53.7	.337	18.07	4			102						1	3	2	1	8	28	40	18	4	



TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

MANUFACTURING—Continued.

State.	Piece workers or time workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—							Employees whose earnings per hour were—												
							Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.

DOFFERS: Male—Concluded.

South Carolina.....	Piece..	12	309	58.4	\$0.194	\$11.30	31					278		3		6	21	44	60	50	91	30	4			
	Time..	12	242	57.8	.181	10.45	36					206		1	2	31	29	54	51	67	7					
	Total..	20	551	58.1	.188	10.92	67					484		3	1	8	52	73	114	101	158	37	4			
Other States.....	Time..	3	12	53.2	.149	7.93	1			11							4	5	2	1						
All States.....	Piece..	33	978	56.9	.235	13.26	80			282		616		5	5	10	33	75	103	115	279	185	139	27	2	
	Time..	83	1,879	55.7	.229	12.67	253			741	1	854	30	22	32	83	152	200	228	439	453	240	25	5		
	Total..	102	2,857	56.1	.231	12.87	333			1,023	1	1,470	30	5	27	42	116	227	303	343	718	638	379	52	7	

DOFFERS: Female.

Maine.....	Time..	5	203	53.2	\$0.253	\$13.51	17			186						1		26	13	42	82	39			
Massachusetts.....	Piece..	3	131	50.3	.244	12.31	55			76								3	6	80	34	6	2		
	Time..	8	148	52.4	.266	13.99	26			122						1	2	4	1	23	104	12	1		
New Hampshire.....	Total..	10	279	51.4	.256	13.20	81			198						1	2	7	7	103	138	18	3		
	Piece..	1	113	54.0	.300	16.21				113								1	1	6	67	30	8	1	
	Time..	2	58	54.0	.221	11.96				58							1	21	1	15	20				
	Total..	3	171	54.0	.273	14.77				171							1	22	1	21	87	30	8	1	

Pennsylvania.....	Piece..	1	4	54.0	.191	10.32				4								4						
	Time..	4	26	53.7	.165	8.85	1			25							13	6	7					
	Total..	4	30	53.7	.168	9.04	1			29							13	6	11					
Other States.....	Piece..	1	2	50.0	.275	13.75	1			1											2			
	Time..	3	18	49.7	.230	11.49	9			9								1	1	11	5			
	Total..	4	20	49.8	.234	11.72	10			10								1	1	11	7			
All States.....	Piece..	6	250	52.0	.269	14.05	56			194							4	10	86	103	36	10	1	
	Time..	22	453	52.9	.247	13.14	53			400					2	16	58	23	91	211	51	1		
	Total..	26	703	52.6	.255	13.46	109			594					2	16	62	33	177	314	87	11	1	

SPooler Tenders: Female.

Alabama.....	Piece..	6	218	59.8	\$0.143	\$8.58	5			1	203	9	9	18	32	41	47	41	18	9	3			
	Time..	2	62	60.0	.147	8.80				62					14	10	21	11	3	3				
	Total..	8	280	59.8	.144	8.63	5			1	265	9	9	18	46	51	68	52	21	12	3			
Connecticut.....	Piece..	3	95	53.7	.234	12.57	12			83					1		4	6	17	37	16	14		
	Time..	1	19	52.9	.180	9.50	4			15							1	13	1	4				
	Total..	4	114	53.6	.225	12.06	16			98					1		5	19	18	41	16	14		
Georgia.....	Piece..	11	355	59.8	.154	9.23	4			351			4	28	38	68	66	65	39	41	5	1		
	Time..	3	11	60.0	.144	8.66				11					1	1	8		1					
	Total..	12	366	59.8	.154	9.21	4			362			4	28	39	69	74	65	40	41	5	1		
Maine.....	Piece..	4	257	53.9	.246	13.26	2			255						1	8	16	16	2	97	88	30	1
	Time..	1	25	54.0	.240	12.96				25											16			
	Total..	5	282	53.9	.245	13.23	2			280						1	8	16	18	104	104	30	1	
Massachusetts.....	Piece..	20	854	53.4	.252	13.44	51		33	770				1	1	8	25	50	65	294	232	174	4	
	Time..	2	47	51.8	.223	11.57	12			35									1	46				
	Total..	20	901	53.3	.252	13.34	63		33	805				1	1	8	25	50	66	340	232	174	4	
New Hampshire.....	Piece..	5	515	53.9	.264	14.25	1			514					1	5	7	13	28	128	206	127		
	Time..	2	10	54.0	.258	13.91				10										3	7			
	Total..	5	525	54.0	.264	14.25	1			524					1	5	7	13	28	131	213	127		
New York.....	Piece..	2	85	54.0	.237	12.79				85				1		4	3	5	8	26	25	13		
	Time..																							

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

MANUFACTURING—Continued.

State.	Piece workers or time workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—													
							Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.
SPOOLER TENDERS: Female—Concluded.																										
North Carolina.....	Piece..	22	474	59.6	\$0.168	\$10.00	12	.....	.....	4	.....	458	.....	.....	1	33	80	106	93	70	73	17	1	.....	.....	.....
	Time..	1	1	60.0	.150	9.00	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	Total..	22	475	59.6	.168	10.00	12	.....	.....	4	.....	459	.....	.....	1	33	80	107	93	70	73	17	1	.....	.....	.....
	Piece..	2	31	54.4	.178	9.67	1	.....	.....	30	.....	.....	.....	1	1	1	4	2	4	7	11	.....	.....	.....	.....	.....
Rhode Island.....	Time..	3	34	54.0	.155	8.37	.....	.....	.....	34	.....	.....	.....	.....	.....	1	25	6	1	.....	1	.....	.....	.....	.....	.....
	Total..	4	65	54.2	.166	8.99	1	.....	.....	64	.....	.....	.....	1	1	1	5	27	10	8	11	1	.....	.....	.....	.....
South Carolina.....	Piece..	2	58	53.7	.218	11.72	2	.....	.....	56	.....	.....	.....	.....	.....	.....	.....	1	8	8	25	16	.....	.....	.....	.....
	Time..	1	50	54.0	.259	13.96	.....	.....	.....	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	25	7	.....	.....	.....
All States.....	Total..	3	108	53.8	.237	12.76	2	.....	.....	106	.....	.....	.....	.....	.....	.....	.....	1	8	8	43	41	7	.....	.....	.....
	Piece..	19	552	58.6	.149	8.72	46	.....	.....	.....	.....	506	.....	15	22	91	116	114	89	49	47	6	3	.....	.....	.....
Total..	Time..	2	6	60.0	.152	9.12	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	5	1	.....	.....	.....	.....	.....	.....	.....
	Piece..	20	558	58.6	.149	8.73	46	.....	.....	.....	.....	512	.....	15	22	91	116	119	90	49	47	6	3	.....	.....	.....
Total..	Time..	96	3,494	56.3	.207	11.50	136	.....	33	1,797	1	1,518	9	29	72	198	327	383	390	325	788	614	363	5	.....	.....
	Piece..	18	265	55.3	.198	10.85	16	.....	.....	169	.....	80	.....	.....	.....	15	12	61	31	9	81	49	7	.....	.....	.....
Total..	Time..	105	3,759	56.2	.207	11.46	152	.....	33	1,966	1	1,598	9	29	72	213	339	444	421	334	869	663	370	5	.....	.....

## GENERAL TABLES.

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Alabama.....	Piece..	5	21	60.2	\$0.211	\$12.58					19	2				2		4	.3	9	1	2			
	Time..	2	10	60.0	.176	10.56				1	9						1	7	1	1					
	Total..	7	31	60.1	.200	11.93				1	28	2				2	1	11	4	10	1	2			
Connecticut.....	Piece..	3	16	55.0	.297	15.95			16									1	1	4	1	8	1		
	Time..	1	10	55.0	.205	11.27			10									2	1	7					
	Total..	4	26	55.0	.262	14.15			26									3	2	11	1	8	1		
Georgia.....	Piece..	5	22	60.0	.192	11.53					22			1			3	5	4	7	2				
	Time..	7	18	60.0	.174	10.44					18				1		4	3	9	1					
	Total..	10	40	60.0	.184	11.04					40			1	1		7	8	13	8	2				
Maine.....	Piece..	2	50	54.0	.279	15.08			50									2		8	22	18			
	Time..	3	13	54.0	.261	14.08			13											6	5	2			
	Total..	5	63	54.0	.275	14.87			63									2		14	27	20			
Massachusetts.....	Piece..	13	120	53.8	.287	15.43	1		6	113								3	28	42	42	5			
	Time..	10	88	54.0	.258	13.94				88								1	29	46	12				
	Total..	20	208	53.9	.275	14.80	1		6	201									4	57	88	54	5		
New Hampshire.....	Piece..	5	102	54.0	.299	16.16			102									2	13	39	45	3			
	Time..	3	16	54.0	.250	12.87			16										9	6	1				
	Total..	5	118	54.0	.293	15.71			118									2	22	45	46	3			



TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

MANUFACTURING—Continued.

State.	Piece workers or time work- ers.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Aver- age full- time hours per week.	Aver- age earn- ings per hour.	Aver- age full- time weekly earn- ings.	Employees whose full-time hours per week were—							Employees whose earnings per hour were—														
							Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.		
WARPER TENDERS: Female—Concluded.																												
North Carolina.....	Piece..	2	6	60.0	\$0.216	\$12.94						6							1	1	2	2						
	Time..	6	12	60.0	.188	11.26						12							5	5	1	1						
	Total..	8	18	60.0	.197	11.82						18							6	6	3	3						
Rhode Island.....	Piece..	3	24	54.0	.301	16.27				24									1	3	11	7	2					
South Carolina.....	Piece..	10	28	60.0	.214	12.84						28						1	3	9	8	6	1					
	Time..	6	17	60.0	.172	10.36						17						2	1	8	6							
	Total..	16	45	60.0	.198	11.90						45						2	2	11	15	8	6	1				
Other States.....	Piece..	3	16	54.0	.266	14.34				16									1	5		5	9	2				
	Time..	1	6	54.0	.164	5.37				6																		
	Total..	4	22	54.0	.238	11.90				22									1	5		5	9	2				
All States.....	Piece..	51	405	55.1	.274	15.02	1	6	321	75	2			1	2	4	16	24	87	135	125	11						
	Time..	39	190	55.9	.227	12.45			133	1	56				3	7	30	23	54	58	15							
	Total..	82	595	55.4	.259	14.20	1	6	454	1	131	2		1	5	11	46	47	141	193	140	11						



**BEAMER TENDERS: Male.**

Massachusetts.....	Piece..	6	135	54.0	\$0.481	\$25.97				135											1	5	90	39
	Time..	5	23	54.0	.445	24.00				23												2	20	1
	Total..	9	158	54.0	.476	25.68				158											1	7	110	40
North Carolina.....	Piece..	6	72	60.2	.323	19.39					71	1						1	9	22		27	12	1
	Time..	3	15	60.0	.195	14.08					15							1	1	4	9			
	Total..	7	87	60.1	.300	18.47					86	1						1	2	13	31	27	12	1
Other States.....	Piece..	3	21	58.8	.323	18.89				5	16								2	7	7	5		
	Time..	5	14	54.7	.361	19.71				13	1								1		5	5		
	Total..	8	35	57.2	.338	19.21				18	17								1	2	7	15	10	
All States.....	Piece..	15	228	56.4	.416	23.24				140	87	1						1	11	30	39	107	40	
	Time..	13	52	55.9	.350	19.98				36	16							1	2	4	9	10	25	1
	Total..	24	280	56.3	.404	22.63				176	103	1						1	3	15	39	49	132	41

**BEAMER TENDERS: Female.**

All States.....	Piece..	7	113	54.1	\$0.315	\$17.06				111	2							2	3	18	21	56	13	
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**SLASHER TENDERS: Male.**

Alabama.....	Time..	8	34	60.1	\$0.212	\$11.41					33	1					1	1	5	23	2	2		
Georgia.....	Time..	11	62	60.0	.236	14.25					62						3		3	40	8	7	1	
Maine.....	Time..	5	44	54.0	.374	20.17					44											37	7	
Massachusetts.....	Time..	20	158	54.0	.415	21.86					158											56	96	6
New Hampshire.....	Piece..	1	68	54.0	.488	26.26					68										1	7	33	21
	Time..	4	40	54.0	.404	21.83					40											33	5	2
	Total..	5	108	54.0	.456	24.62					108										1	40	38	23
North Carolina.....	Piece..	1	1	60.0	.275	16.50					1										1			
	Time..	19	63	60.2	.244	14.71					62	1						9	1	16	34	3		
	Total..	20	64	60.2	.245	14.74					63	1						9	1	16	35	3		
South Carolina.....	Time..	19	81	60.0	.206	12.35					81						7	12	23	26	12	1		

**TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.**

**MANUFACTURING—Continued.**

State.	Piece workers or time work- ers.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Aver- age full- time hours per week.	Aver- age earn- ings per hour.	Aver- age full- time weekly earn- ings.	Employees whose full-time hours per week were—							Employees whose earnings per hour were—												
							Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.

**SLASHER TENDERS: Male—Concluded.**

Other States.....	Piece..	1	1	55.0	\$0.427	\$23.49				1																			
	Time..	11	56	54.8	.376	20.57				54			2								2	6	27	1	20	1			
All States.....	Total..	11	57	54.8	.377	20.62				55			2								2	6	27	21	1				
	Piece..	3	70	54.1	.483	26.09				69		1										2	7	34	21	6			
	Time..	97	538	56.8	.322	17.78				296		238	4					11	22	32	107	62	166	129	9				
	Total..	99	608	56.5	.340	18.73				365		239	4					11	22	32	107	64	173	163	30				6

**DRAWERS-IN: Female.**

Alabama.....	Piece..	3	21	60.0	\$0.164	\$9.83						21			1	1	1	8	4	2	4							
	Time..	4	9	60.8	.158	9.60						6	3				1	5	2	1								
	Total..	7	30	60.2	.162	9.76						27	3		1	1	2	13	6	3	4							
Connecticut.....	Piece..	3	33	54.4	.342	18.73	2			31								2		3	5	15	7	1				
	Time..	1	10	55.0	.271	14.92				10									1	3	3	3						
	Total..	4	43	54.5	.326	17.84	2			41								2	1	6	8	18	7	1				
Georgia.....	Piece..	4	28	60.0	.172	10.30						28				5	2	7	3	6	2	3						
	Time..	7	24	60.0	.165	9.90						24					8	4	3	4	4	1						
	Total..	11	52	60.0	.169	10.12						52				5	10	11	6	10	6	4						

Maine.....	Piece..	3	44	54.0	.322	17.41				44								2	1	1	15	16	9				
	Time..	2	13	54.0	.257	13.89				13										5	8						
	Total..	5	57	54.0	.308	16.61				57								2	1	6	23	16	9				
Massachusetts.....	Piece..	16	269	53.7	.303	16.29	7		8	254						2	3	9	8	51	66	88	42				
	Time..	9	15	53.4	.293	15.73	1			14										3	4	8					
	Total..	19	284	53.7	.303	16.26	8		8	268						2	3	9	8	54	70	96	42				
New Hampshire.....	Piece..	5	175	54.0	.313	16.92				175								6	5	21	45	79	17	2			
	Time..	2	3	54.0	.242	13.07				3										2	1						
	Total..	5	178	54.0	.312	16.85				178								6	5	23	46	79	17	2			
North Carolina.....	Piece..	7	20	60.0	.214	12.85								1			2	2	4	7	3	2	2				
	Time..	7	17	60.0	.184	11.04											3	4	7	3							
	Total..	13	37	60.0	.200	12.01								1			5	6	11	10	2	2					
Pennsylvania.....	Piece..	1	10	54.0	.221	11.94				10								2	1	5	2						
	Time..	3	5	54.0	.186	10.04				5								1	1	3							
	Total..	3	15	54.0	.209	11.31				15								1	3	1	8	2					
Rhode Island.....	Piece..	3	51	54.0	.280	15.15				51			1		1	1	1	1	2	11	13	15	5				
South Carolina.....	Piece..	10	50	59.4	.184	10.96	2							48		1	5	5	8	12	8	3	4	3	1		
	Time..	9	27	60.0	.165	9.88								27			1	11	11	3	1						
	Total..	19	77	59.6	.178	10.58	2							75		1	5	6	19	23	11	4	4	3	1		
Other States.....	Piece..	1	8	54.0	.315	16.99				8										1		3	3	1			
	Time..	1	2	54.0	.197	10.61				2										1	1						
	Total..	2	10	54.0	.291	15.72				10										2	1	3	3	1			
All States.....	Piece..	56	709	54.9	.286	15.59	11		8	573				1	2	13	11	29	43	38	108	158	221	82	3		
	Time..	45	125	57.7	.203	11.64	1			47				3			10	24	21	17	25	17	11				
	Total..	91	834	55.3	.273	15.00	12		8	620				191	3	1	2	13	21	53	64	55	133	175	232	82	3

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

MANUFACTURING—Continued.

State.	Piece workers or time work- ers.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Aver- age full- time hours per week.	Aver- age earn- ings per hour.	Aver- age full- time week- ly earn- ings.	Employees whose full-time hours per week were—							Employees whose earnings per hour were—													
							Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.	
LOOM FIXERS: Male.																											
Alabama.....	Time..	8	158	60.2	\$0.284	\$17.11					1	151	6									26	51	81			
Connecticut.....	Time..	4	90	55.1	.452	24.89				89			1											11	79		
Georgia.....	Time..	12	230	60.0	.270	16.20						230											63	132	27	8	
Maine.....	Time..	5	206	54.0	.444	23.99				206														6	165	35	
Massachusetts.....	Piece..	2	10	54.0	.495	26.71				10															7	2	1
	Time..	20	641	54.0	.455	24.56				640		1													28	589	23
	Total..	20	651	54.0	.455	24.59				650		1													28	596	25
New Hampshire.....	Time..	5	487	54.0	.463	25.02				487															30	447	10
New York.....	Time..	2	57	54.3	.418	22.69				54		3													11	46	
North Carolina.....	Piece..	5	5	60.0	.247	14.86						5										3	2				
	Time..	21	265	60.0	.287	17.21						265											48	98	118	1	
	Total..	21	270	60.0	.286	17.16						270											51	100	118	1	
Rhode Island.....	Time..	3	182	54.0	.503	27.14				182									1						4	67	107
South Carolina.....	Piece..	2	16	60.0	.284	17.04						16										3	8	5			
	Time..	18	328	61.2	.274	16.74						239	89										57	231	34	6	
	Total..	19	344	61.1	.274	16.75						255	89										60	239	39	6	



Other States.....	Piece..	1	7	54.0	.393	21.21	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	1	.....	.....
	Time..	3	27	54.0	.302	16.31	.....	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	16	.....	.....
All States.....	Total..	4	34	54.0	.321	17.32	.....	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	22	1	.....
	Piece..	10	38	57.3	.355	20.07	.....	17	.....	21	.....	.....	.....	.....	.....	.....	.....	.....	6	10	11	8
	Time..	101	2,671	56.4	.391	21.81	.....	1,685	1	889	96	.....	.....	.....	.....	.....	.....	.....	1	194	562	995
	Total..	103	2,709	56.4	.391	21.79	.....	1,702	1	910	96	.....	.....	.....	.....	.....	.....	.....	1	200	572	1,006

## WEAVERS: Male.

Alabama.....	Piece..	8	299	60.0	\$0.243	\$14.56	1				3	292	3		3	5	8	12	15	26	96	78	53	3		
	Time..	4	32	60.0	.162	9.73						32					12	4	9	6		1				
	Total..	8	331	60.0	.235	14.10	1				3	324	3		3	5	20	16	24	32	96	79	53	3		
Connecticut.....	Piece..	4	360	54.9	.339	18.56	5			355				1			1	5	7	8	22	48	199	62	6	1
	Time..	1	3	55.0	.345	18.98			3													3				
	Total..	4	363	54.9	.339	18.56	5			358				1			1	5	7	8	22	48	202	62	6	1
Georgia.....	Piece..	12	559	60.0	.221	13.27					559		1	2	9	12	33	56	78	216	113	38	1			
	Time..	5	59	60.0	.186	11.17					59					5	7	17	14	14	2					
	Total..	12	618	60.0	.218	13.07					618		1	2	9	17	40	73	92	230	115	38	1			
Maine.....	Piece..	5	539	53.9	.383	20.69	3			536								2	1	17	52	256	173	35	3	
	Time..	2	49	54.0	.371	20.01			49										1	11	1	3	33			
	Total..	5	588	53.9	.382	20.63	3			585								2	2	28	53	259	206	35	3	
Massachusetts.....	Piece..	20	2,316	53.9	.328	17.68	18			2,298					3	5		23	31	194	600	1,102	331	24	3	
	Time..	11	94	53.8	.292	15.71	2			92						1		1	1	19	32	36	4			
	Total..	20	2,410	53.9	.327	17.63	20			2,390					3	6		24	32	213	632	1,138	335	24	3	
New Hampshire.....	Piece..	5	1,009	54.0	.345	18.60				1,009							1	4	6	53	173	585	172	13	2	
	Time..	1	20	54.0	.295	15.92				20										3	9	7	1			
	Total..	5	1,029	54.0	.344	18.55				1,029							1	4	6	56	182	592	173	13	2	
New York.....	Piece..	2	197	54.4	.333	18.09				19							1	1		5	25	156	9			
	Time..																									
North Carolina.....	Piece..	21	1,060	60.0	.253	15.19	1				1,059				6	8	20	53	63	353	371	181	5			
	Time..	8	39	55.4	.186	10.81	6				33				1	3	10	6	2	11	5	1				
	Total..	21	1,099	59.8	.251	15.03	7				1,092				7	11	30	59	65	364	376	182	5			



TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

MANUFACTURING—Continued.

State.	Piece workers or time work- ers.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Aver- age full- time hours per week.	Aver- age earn- ings per hour.	Aver- age full- time week- ly earn- ings.	Employees whose full-time hours per week were—							Employees whose earnings per hour were—													
							Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.	

WEAVERS: Male—Concluded.

Rhode Island.....	Piece..	3	554	53.9	\$0.360	\$19.42	3			551						4	3	6	4	9	30	60	271	147	16	4
	Time..	1	3	54.0	.210	11.32				3							1		1			1				
	Total..	3	557	53.9	.359	19.38	3			554						4	3	7	4	10	30	61	271	147	16	4
South Carolina.....	Piece..	19	987	59.9	.234	14.01	13				971	3	1	3	5	22	43	64	114	399	217	111	8			
	Time..	5	60	59.8	.168	10.04	1				59				1	9	13	22	5	9	9	1				
	Total..	19	1,047	59.9	.230	13.78	14				1,030	3	1	3	6	31	56	86	119	408	217	112	8			
Pennsylvania.....	Piece..	4	62	53.4	.226	12.09	4			58						2	5	3	7	25	14	6				
All States.....	Piece..	103	7,942	56.2	.304	16.92	48			4,985	22	2,881	6	3	8	32	61	126	232	343	1,410	1,751	2,958	911	94	13
	Time..	38	359	56.6	.242	13.55	9			167		183			2	30	35	55	30	67	51	51	38			
	Total..	103	8,301	56.2	.301	16.78	57			5,152	22	3,064	6	3	8	34	91	161	287	373	1,477	1,802	3,009	949	94	13

WEAVERS: Female.

Alabama.....	Piece..	8	378	60.3	\$0.201	\$12.13	.....	.....	.....	.....	333	45	2	3	20	32	37	49	46	117	51	20	1	.....	.....
	Time..	5	93	60.0	.142	8.56	.....	.....	.....	.....	93	.....	1	1	10	32	28	12	9	.....	.....	.....	.....	.....	
	Total..	8	471	60.2	.190	11.42	.....	.....	.....	.....	426	45	3	4	30	64	65	61	55	117	51	20	1	.....	.....

Connecticut.....	Piece..	4	374	54.9	.304	16.67	5			369				1		2	4	7	6	70	86	180	15	1	2	
	Time..	1	1	55.0	.323	17.77				1												1				
	Total..	4	375	54.9	.304	16.67	5			370				1		2	4	7	6	70	86	181	15	1	2	
Georgia.....	Piece..	12	557	59.9	.189	11.31	4				553		1	6	19	52	75	65	97	183	54	5				
	Time..	7	72	59.4	.177	10.50	3				69			2	10	16	10	17	14	3						
	Total..	12	629	59.9	.187	11.22	7				622		1	6	21	62	91	75	114	197	57	5				
Maine.....	Piece..	5	611	53.9	.336	18.17	4			607								2	4	56	125	316	101	7		
	Time..	2	49	54.0	.395	21.36				49										1	3	6	39			
	Total..	5	660	53.9	.341	18.41	4			656								2	4	57	128	322	140	7		
Massachusetts.....	Piece..	20	3,705	53.9	.303	16.35	44			3,661			2	3	13	15	44	71	465	1,205	1,685	193	8	1		
	Time..	9	80	53.9	.294	15.82	1			79				1					10	32	37					
	Total..	20	3,785	53.9	.303	16.34	45			3,740			2	4	13	15	44	71	475	1,237	1,722	193	8	1		
New Hampshire.....	Piece..	5	2,526	54.0	.325	17.31				2,526			1		1	5	20	53	232	593	1,394	212	12	3		
	Time..	2	55	54.0	.212	11.43				55								2	50	2						
	Total..	5	2,581	54.0	.319	17.18				2,581			1		1	6	20	55	282	595	1,394	212	12	3		
New York.....	Piece..	2	183	54.0	.299	16.12				183							1	1	3	24	58	96				
North Carolina.....	Piece..	21	738	59.8	.225	13.43	12				726			2	12	51	62	103	292	174	42					
	Time..	9	41	57.1	.163	9.37	8				33				10	17	4	5	1	3	1					
	Total..	21	779	59.6	.221	13.21	20				759			2	22	68	66	108	293	177	43					
Pennsylvania.....	Piece..	4	236	54.0	.216	11.19	1			235				2	4	25	34	45	70	32	23	1				
	Time..	1	1	54.0	.160	8.64				1							1									
	Total..	4	237	54.0	.215	11.18	1			236				2	4	25	35	45	70	32	23	1				
Rhode Island.....	Piece..	3	585	53.9	.333	17.95	7			578			4	5	7	8	6	12	52	78	288	117	8			
	Time..	1	6	54.0	.307	16.56				6										2	4					
	Total..	3	591	53.9	.333	17.78	7			584			4	5	7	8	6	12	52	80	292	117	8			
South Carolina.....	Piece..	19	624	59.4	.204	12.10	22				602		1	3	8	22	47	98	117	5	254	62	11	1		
	Time..	4	78	59.8	.159	9.53	1				77			3	3	7	27	27	5	1						
	Total..	19	702	59.4	.197	11.81	23				679		1	6	11	29	74	125	122	259	63	11	1			
All States.....	Piece..	103	10,517	55.2	.288	15.79	99			8,159		2,214	45	4	20	59	145	268	388	557	1,815	2,518	4,060	641	36	6
	Time..	41	476	57.2	.214	11.89	13			191		272		1	5	15	59	89	54	38	83	48	45	39		
	Total..	103	10,993	55.4	.285	15.62	112			8,350		2,486	45	5	25	74	204	357	442	595	1,898	2,566	4,105	680	36	6

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

MANUFACTURING—Continued.

State.	Piece workers or time workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—							Employees whose earnings per hour were—													
							Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.	
TRIMMERS OR INSPECTORS: Female.																											
Alabama.....	Time..	8	81	60.2	\$0.139	\$8.36						75	6			6	30	37	5	3							
Connecticut.....	Time..	4	43	54.8	.200	10.98	1			42										24	19						
Georgia.....	Piece..	3	27	60.0	.153	9.20						27				1	4	13	6	2	1						
	Time..	9	53	60.0	.127	7.61						53				10	37	6									
	Total..	11	80	60.0	.136	8.17						80				11	41	19	6	2	1						
Maine.....	Time..	5	190	54.0	.187	10.08				190									46	109	35						
Massachusetts.....	Piece..	3	24	54.0	.254	13.72				24										1	13	5	3	2			
	Time..	19	323	53.6	.204	11.16	14			309									68	93	137	25					
	Total..	20	347	53.6	.208	11.34	14			333									68	94	150	30	3	2			
New Hampshire.....	Piece..	1	6	54.0	.283	15.30				6											6						
	Time..	5	112	54.0	.233	12.64				112										6	91	15					
	Total..	5	118	54.0	.236	12.82				118										6	91	21					
North Carolina.....	Time..	11	54	59.2	.142	8.42	3			51						16	9	17	5	6	1						
Rhode Island.....	Piece..	1	14	54.0	.255	13.78				14											5	8	1				
	Time..	3	63	54.0	.230	12.44				63										1	60	2					
	Total..	3	77	54.0	.235	12.68				77										1	65	10	1				
South Carolina.....	Piece..	1	10	60.0	.141	6.44						10				1	2	7									
	Time..	16	145	58.7	.133	7.86	13					132			8	39	32	51	12			3					





**TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Concluded.**

**MANUFACTURING—Concluded.**

State.	Piece workers or time workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—														
							Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.	
OTHER EMPLOYEES: Male—Concluded.																											
Rhode Island.....	Piece..	3	66	54.0	\$0.384	\$20.74	.....	.....	66	.....	.....	.....	.....	.....	.....	.....	.....	2	7	6	21	24	3	3	.....	.....	.....
	Time..	3	892	54.5	.333	18.10	34	.....	825	.....	10	23	.....	.....	2	3	4	9	15	141	252	272	116	62	16	.....	.....
	Total..	3	958	54.4	.336	18.29	34	.....	891	.....	10	23	.....	.....	2	3	4	9	17	148	258	293	140	65	19	.....	.....
South Carolina.....	Piece..	10	43	60.0	.196	11.74	.....	.....	.....	.....	43	.....	2	.....	.....	4	2	7	9	14	4	1	.....	.....	.....	.....	.....
	Time..	20	2,944	60.2	.184	11.09	99	.....	.....	.....	2,716	129	15	22	80	550	631	458	276	474	270	157	9	1	.....	.....	.....
	Total..	20	2,987	60.2	.184	11.10	99	.....	.....	.....	2,759	129	17	22	80	554	633	465	285	488	274	158	9	1	.....	.....	.....
Pennsylvania.....	Time..	5	355	55.0	.254	13.95	2	.....	336	.....	1	16	.....	.....	4	9	9	17	41	112	86	63	11	2	1	.....	.....
All States.....	Piece..	72	858	54.9	.276	15.15	80	.....	534	.....	244	.....	10	13	21	27	30	45	59	189	151	200	93	10	10	.....	.....
	Time..	106	24,882	56.9	.270	15.18	1,046	4	13,380	116	9,184	1,149	43	61	246	1,215	2,215	1,687	1,341	4,964	5,642	4,523	2,108	609	228	.....	.....
	Total..	106	25,740	56.8	.270	15.18	1,126	4	13,914	116	9,428	1,149	53	74	267	1,242	2,245	1,732	1,400	5,153	5,793	4,723	2,201	619	238	.....	.....
OTHER EMPLOYEES: Female.																											
Alabama.....	Piece..	6	60	56.3	\$0.125	\$7.06	15	.....	.....	.....	45	.....	5	8	9	15	19	3	1	.....	.....	.....	.....	.....	.....	.....	.....
	Time..	8	340	58.8	.122	7.17	28	.....	.....	.....	304	8	29	35	99	71	50	52	2	.....	1	.....	.....	.....	.....	.....	.....
	Total..	8	400	58.5	.122	7.15	43	.....	.....	.....	349	8	34	43	108	86	69	55	3	.....	1	.....	.....	.....	.....	.....	.....
Connecticut.....	Piece..	3	22	51.8	.208	10.81	7	.....	15	.....	.....	.....	.....	1	2	2	1	1	1	8	6	.....	.....	.....	.....	.....	.....
	Time..	4	155	53.8	.220	11.84	19	.....	136	.....	.....	.....	.....	1	1	6	10	14	14	71	33	5	.....	.....	.....	.....	.....
	Total..	4	177	53.5	.219	11.71	26	.....	151	.....	.....	.....	.....	2	3	8	11	15	15	79	39	5	.....	.....	.....	.....	.....





TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918.

## MANUFACTURING.

## ONE WEEK PAY ROLLS.

State.	Piece workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours wk'd per employee during one week.	Average full-time weekly earnings.	Average amount earned per employee during one week.	Employees working each classified per cent of full time during one week.						Employees earning each classified amount during one week.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and over.	

## CARD STRIPPERS: Male.

Alabama.....	Time..	6	23	60.4	54.2	\$11.92	\$10.80	...	1	6	2	10	4	...	1	...	...	2	1	...	3	4	4	5	3	...	...	...	...	...
Georgia.....	Piece..	2	3	60.0	49.0	9.80	8.03	...	...	...	3	...	...	...	...	...	...	2	...	...	1	...	...	...	...	...	...	...	...	...
	Time..	9	63	60.2	49.4	11.59	9.58	1	5	16	14	20	7	2	1	3	4	4	4	4	12	10	8	5	5	...	1	...	...	...
	Total..	9	66	60.2	49.3	11.50	9.51	1	5	16	17	20	7	2	1	3	4	4	6	4	13	10	8	5	5	...	1	...	...	...
Maine.....	Time..	5	62	53.7	54.0	14.16	14.23	...	3	2	4	39	14	...	...	...	2	1	...	1	...	4	1	27	10	7	4	5	...	...
Massachusetts..	Time..	20	212	54.5	55.2	16.51	16.93	11	10	8	15	88	80	10	3	2	3	3	1	2	3	4	3	19	38	30	22	54	15	...
New Hampshire	Time..	3	59	54.1	55.6	16.38	16.87	1	1	3	1	32	21	1	...	1	...	...	...	...	1	...	1	1	28	7	8	10	1	...
New York.....	Time..	2	24	54.0	54.1	17.05	16.92	...	...	1	3	13	7	...	...	...	...	...	...	...	...	...	2	1	10	3	1	7	...	...
North Carolina.	Piece..	1	6	60.0	59.0	11.13	11.01	...	...	...	1	3	2	...	...	...	...	1	...	...	...	2	1	2	...	...	...	...	...	...
	Time..	13	34	60.0	51.5	11.53	10.05	2	...	6	8	17	1	2	...	1	...	3	2	2	3	8	5	5	1	1	1	...	...	...
	Total..	14	40	60.0	52.7	11.47	10.19	2	...	6	9	20	3	2	...	1	...	3	3	2	3	10	6	7	1	1	1	...	...	...
Rhode Island...	Time..	3	33	54.1	48.5	17.39	15.56	3	...	3	...	29	1	1	...	2	...	1	...	...	...	...	2	2	9	5	11	3	...	...
South Carolina.	Piece..	2	3	60.0	52.7	10.08	8.97	...	...	1	1	1	...	...	...	1	...	...	...	...	1	...	1	...	...	...	...	...	...	...
	Time..	19	51	60.0	50.5	11.35	9.64	...	4	11	14	22	...	2	1	2	1	4	5	7	6	10	1	7	1	3	1	...	...	...

	Total..	20	54	60.0	50.6	11.23	9.60	....	4	12	15	23	....	2	1	2	2	4	5	7	7	10	2	7	1	3	1	....	....	
Other States....	Time..	5	34	54.7	52.7	16.16	15.65	1	1	....	2	22	8	....	1	....	1	....	....	....	....	1	1	5	8	5	12	....	....	
All States.....	Piece..	5	12	60.0	54.9	10.54	9.75	....	1	5	4	2	....	1	....	1	....	3	....	....	2	2	2	2	....	....	....	....	....	
	Time..	85	598	55.9	53.3	14.89	14.47	19	25	....	56	63	292	143	18	7	13	10	17	13	16	28	41	28	77	113	61	61	79	16
	Total..	87	610	56.0	53.3	14.80	14.37	19	25	....	57	68	296	145	18	7	13	11	17	16	16	30	43	30	79	113	61	61	79	16

## DRAWING-FRAME TENDERS: Male.

Alabama.....	Piece..	1	1	60.0	59.0	\$15.96	\$15.72	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
	Time..	4	14	60.3	45.9	9.38	7.27	....	2	7	1	2	2	....	2	1	1	4	1	1	1	1	2	....	....	....	....	....	....	....
	Total..	4	15	60.3	46.8	9.81	7.83	....	2	7	2	2	2	....	2	1	1	4	1	1	1	1	2	....	....	....	....	....	....	1
Georgia.....	Piece..	2	14	60.0	54.1	10.97	6.26	3	3	4	2	2	....	3	2	1	2	1	....	....	2	2	....	1	....	....	....	....	....	....
	Time..	6	43	60.0	42.3	10.13	7.04	4	5	14	9	3	8	5	1	6	6	6	4	1	6	2	1	5	....	....	....	....	....	....
	Total..	7	57	60.0	40.3	10.33	6.85	7	8	18	11	5	8	8	3	7	8	7	4	1	8	4	1	6	....	....	....	....	....	....
Maine.....	Piece..	1	1	54.0	29.3	10.96	5.95	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Time..	3	11	53.2	49.7	13.60	12.73	....	1	....	....	10	....	....	1	....	....	....	....	....	2	....	....	2	5	1	....	....	....	....
	Total..	3	12	53.3	48.0	13.38	12.17	....	1	1	....	10	....	....	1	....	1	....	....	....	2	....	....	2	5	1	....	....	....	....
Massachusetts..	Piece..	1	5	54.0	54.0	13.69	13.69	....	....	....	....	5	....	....	....	....	....	....	....	....	1	....	2	2	....	....	....	....	....	....
	Time..	12	72	54.4	52.5	13.43	13.00	1	4	4	3	47	13	....	1	4	2	1	....	2	3	5	9	17	14	10	1	2	1	....
	Total..	13	77	54.4	52.6	13.44	13.04	1	4	4	3	52	13	....	1	4	2	1	....	2	3	6	9	19	16	10	1	2	1	....
North Carolina.	Piece..	2	12	60.0	53.3	11.09	10.08	....	1	2	2	4	3	....	2	....	....	1	....	....	3	1	1	1	3	....	....	....	....	....
	Time..	14	42	60.1	51.7	11.23	9.57	2	2	6	8	21	3	2	1	....	....	4	3	5	6	7	2	9	3	....	....	....	....	....
	Total..	14	54	60.1	52.1	11.20	9.68	2	3	8	10	25	6	2	3	....	....	4	4	5	9	8	3	10	6	....	....	....	....	....
South Carolina.	Piece..	4	29	60.0	47.2	11.24	8.97	3	1	4	12	9	....	3	....	2	2	2	....	3	4	2	4	6	1	....	....	....	....	....
	Time..	16	110	56.7	46.3	8.87	7.44	3	13	20	23	51	....	10	9	6	11	19	15	8	8	10	1	8	2	2	....	1	....	....
	Total..	20	139	57.4	46.5	9.37	7.76	6	14	24	35	60	....	13	9	8	13	21	15	11	12	12	5	14	3	2	....	1	....	....
Other States....	Time..	8	47	52.7	48.2	13.73	12.35	3	....	3	5	34	2	....	3	....	1	1	1	1	....	2	3	26	3	2	3	1	....	....
All States.....	Piece..	11	62	59.4	45.9	11.26	9.01	6	5	11	17	20	3	6	4	3	5	3	1	3	9	6	5	10	6	....	....	....	....	1
	Time..	63	339	56.7	48.1	11.11	9.68	13	27	54	49	168	28	17	18	17	21	35	24	18	26	27	18	67	28	14	4	4	1	....
	Total..	69	401	57.0	47.8	11.18	9.58	19	32	65	66	188	31	23	22	20	26	38	25	21	35	33	23	77	34	14	4	4	2	....

**TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.**

**MANUFACTURING—Continued.**

**ONE WEEK PAY ROLLS—Continued.**

State.	Piece workers or time- workers.	Num- ber of estab- lish- m'ts.	Num- ber of em- ploy- ees.	Aver- age full- time hours per week of estab- lish- m'ts.	Aver- age hours wk'd per em- ploy- ee dur- ing one week.	Aver- age full- time week- ly earn- ings.	Aver- age amount earned per em- ploy- ee dur- ing one week.	Employees working each classified per cent of full time during one week.					Employees earning each classified amount during one week.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and over.

**DRAWING-FRAME TENDERS: Female.**

Connecticut	Time..	3	38	53.2	52.1	\$9.99	\$9.83	---	1	2	1	32	2	---	1	---	7	5	---	6	10	---	7	---	2	---	---	---	---
Georgia	Piece..	1	12	60.0	42.9	8.78	6.27	---	2	5	2	3	---	2	1	2	4	---	1	2	---	---	---	---	---	1	---	---	---
	Time..	6	29	60.0	44.6	9.21	6.89	---	6	8	9	2	4	5	2	3	6	4	---	7	---	---	1	---	---	---	---	---	---
	Total..	7	41	60.0	44.1	9.08	6.71	---	8	13	11	5	4	7	3	5	10	4	8	2	---	---	1	---	---	1	---	---	---
Maine	Time..	4	101	53.2	49.7	11.16	10.46	1	2	6	14	78	---	1	2	3	3	8	1	38	9	4	21	11	---	---	---	---	---
Massachusetts	Time..	17	277	53.7	50.7	12.17	11.48	4	4	16	30	223	---	5	2	1	---	5	8	6	14	43	82	101	6	1	3	---	---
New Hampshire	Piece..	1	2	54.0	49.0	12.20	11.13	---	---	---	1	1	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---
	Time..	3	88	54.0	51.2	11.64	11.04	2	1	3	10	72	---	2	---	1	---	1	---	7	4	4	55	13	---	1	---	---	---
	Total..	3	90	54.0	51.2	11.65	11.04	2	1	3	11	73	---	2	---	1	---	1	---	7	5	4	55	14	---	1	---	---	---
Other States	Time..	13	130	57.2	47.8	10.29	8.77	7	8	25	20	68	2	9	5	5	14	13	5	14	13	11	19	13	7	---	2	---	---
All States	Piece..	2	14	59.1	43.8	9.27	6.96	---	2	5	3	4	---	2	1	2	4	---	1	3	---	---	1	---	---	---	---	---	---
	Time..	46	663	54.6	49.9	11.32	10.44	14	22	60	84	475	8	17	14	10	20	35	30	35	75	77	160	156	24	3	7	---	---
	Total..	47	677	54.7	49.7	11.28	10.37	14	24	65	87	479	8	17	16	11	22	39	30	36	78	77	160	157	24	3	7	---	---



SLUBBER TENDERS: Male.

Alabama.....	Piece..	5	49	60.0	49.0	\$13.23	\$11.09	3	1	17	9	18	1	3	3	1	3	3	4	2	3	6	1	10	5	4	4	.....	
	Time..	3	10	55.6	43.9	8.84	7.16	.....	1	5	1	.....	3	.....	3	.....	.....	.....	.....	.....	.....	2	.....	2	.....	.....	.....	.....	
	Total..	6	59	58.3	47.3	12.48	10.42	3	2	22	10	18	4	3	3	4	3	3	4	2	3	8	1	12	5	4	4	.....	
Connecticut....	Piece..	4	15	55.0	53.6	17.78	17.30	.....	.....	1	.....	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	6	7	.....	
	Time..	1	4	55.0	52.5	18.84	18.04	.....	.....	.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	2	.....	
	Total..	4	19	55.0	53.4	18.00	17.46	.....	.....	1	1	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	7	9	.....	
Georgia.....	Piece..	8	52	60.0	45.8	14.22	11.06	2	10	9	12	13	6	2	2	4	3	3	2	1	5	1	4	8	8	5	4	.....	
	Time..	3	14	60.0	46.0	13.47	10.26	1	2	2	4	5	.....	1	.....	1	1	1	1	1	1	1	3	4	1	.....	.....		
	Total..	8	66	60.0	45.8	14.06	10.89	3	12	11	16	18	6	3	2	4	4	4	3	1	6	2	7	12	9	5	4	.....	
Maine.....	Piece..	5	86	54.0	52.7	21.00	20.56	1	1	7	5	64	8	.....	1	.....	.....	.....	.....	1	1	1	1	3	7	8	8	41	14
Massachusetts...	Piece..	18	141	54.0	55.0	19.70	20.18	1	4	7	17	74	38	.....	1	.....	2	2	.....	1	1	2	1	2	12	23	22	44	28
	Time..	3	11	54.0	54.0	16.43	16.42	.....	.....	.....	.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	7	1	.....	.....	
	Total..	20	152	54.0	54.9	19.47	19.90	1	4	7	17	85	38	.....	1	.....	2	2	.....	1	1	2	1	2	15	30	23	44	28
New Hampshire	Piece..	3	38	54.0	54.0	20.51	20.64	1	.....	.....	3	26	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	9	20	.....	
	Time..	1	3	54.0	54.0	15.50	15.50	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	
	Total..	3	41	54.0	54.0	20.14	20.26	1	.....	.....	3	29	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	4	9	20	4	
North Carolina.	Piece..	10	24	60.0	56.6	14.18	13.61	.....	2	.....	2	18	2	.....	1	.....	1	.....	.....	.....	.....	.....	1	2	7	5	6	1	.....
	Time..	5	7	60.0	53.9	10.46	9.45	.....	.....	1	2	3	1	.....	1	.....	1	.....	1	.....	2	1	1	1	1	.....	.....	.....	
	Total..	14	31	60.0	56.0	13.34	12.67	.....	2	1	4	21	3	.....	1	.....	2	.....	1	.....	2	2	3	8	5	6	1	.....	
Rhode Island...	Piece..	3	25	54.0	48.9	21.66	19.37	.....	3	2	.....	20	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	1	1	.....	4	16	.....
South Carolina.	Piece..	20	103	60.0	52.0	13.68	12.08	1	5	15	34	47	1	1	1	5	3	3	5	5	3	11	7	25	17	14	1	2	.....
	Time..	1	2	60.0	60.0	10.74	10.73	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	
	Total..	20	105	60.0	52.2	13.63	12.05	1	5	15	34	49	1	1	1	5	3	3	5	5	4	11	8	25	17	14	1	2	.....
Other States....	Piece..	2	11	54.0	53.3	15.99	15.78	.....	.....	.....	1	9	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	5	3	1	.....	
All States.....	Piece..	78	544	56.5	52.3	17.44	16.55	9	26	58	83	303	65	7	6	10	12	11	11	11	14	22	17	59	61	73	61	123	46
	Time..	17	51	57.1	49.9	13.22	11.80	1	3	8	8	27	4	1	3	3	2	1	2	.....	4	4	5	7	8	8	3	.....	
	Total..	85	595	56.6	52.1	17.07	16.14	10	29	66	91	330	69	8	9	13	14	12	13	11	18	26	22	66	69	81	64	123	46

**TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.**

**MANUFACTURING—Continued.**

**ONE WEEK PAY ROLLS—Continued.**

State.	Piece workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours wk'd per employee during one week.	Average full-time weekly earnings.	Average amount earned per employee during one week.	Employees working each classified per cent of full time during one week.							Employees earning each classified amount during one week.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and over.		
SLUBBER TENDERS: Female.																															
All States.....	Piece.. Time..	12 2	47 3	54.2 54.0	50.6 39.3	\$15.43 12.12	\$18.77 8.90	1 1	1 .....	4 .....	1 .....	40 2	.....	1 1	.....	2 .....	1 .....	1 .....	1 .....	1 .....	3 1	7 1	10 .....	13 .....	4 .....	1 .....	2 .....				
	Total..	13	50	54.2	49.9	15.23	14.18	2	1	4	1	42	.....	2	.....	2	.....	1	1	1	1	4	8	10	13	4	1	2			
SPEEDER TENDERS: Male.																															
Alabama.....	Piece.. Time..	5 1	88 7	60.0 60.0	48.5 43.6	\$11.95 9.50	\$10.17 6.96	1 1	6 1	33 1	24 1	22 3	2 .....	3 1	2 .....	4 1	6 1	7 .....	7 1	8 .....	9 3	4 .....	7 .....	18 .....	5 .....	4 .....	2 .....	2 .....			
	Total..	5	95	60.0	48.1	11.77	9.94	2	7	34	25	25	2	4	2	5	7	7	8	8	12	4	7	18	5	4	2	2			
Georgia.....	Piece.. Time..	8 2	166 10	60.0 60.0	46.2 51.9	14.11 11.48	11.07 9.79	8 1	21 .....	32 1	38 1	67 7	.....	11 1	4 .....	4 .....	7 .....	8 .....	5 .....	7 .....	14 2	9 1	14 6	40 .....	24 .....	17 .....	2 .....	2 .....			
	Total..	8	176	60.0	46.5	13.96	11.00	9	21	33	39	74	.....	12	4	4	7	8	5	7	16	10	20	40	24	17	.....	2			

Massachusetts..	Piece..	17	158	54.0	55.4	19.33	19.91	....	1	3	12	112	30	....	1	....	1	....	3	5	10	25	33	66	14				
	Time..	5	45	53.8	53.9	16.43	16.53	....	1	1	2	31	10	....	1	....	2	....	3	9	7	13	2	4	4				
	Total..	19	203	54.0	55.1	18.69	19.16	....	2	4	14	143	40	....	2	....	1	....	6	14	17	38	35	70	18				
North Carolina.	Piece..	13	163	60.1	54.1	14.76	13.34	5	6	16	22	104	10	5	1	2	1	5	3	3	4	10	13	33	47	26	8	2	....
	Time..	2	18	60.0	54.9	10.51	9.62	....	1	1	7	10	....	....	....	....	....	2	4	2	5	1	3	....	....	....	....	....	....
	Total..	14	181	60.1	54.3	14.33	12.97	5	6	17	29	114	10	5	1	2	2	5	5	7	6	15	14	36	47	26	8	2	....
South Carolina.	Piece..	20	339	60.1	50.3	13.23	11.28	9	29	45	116	139	1	11	6	8	10	11	20	13	26	39	33	81	54	15	10	2	....
Other States....	Piece..	16	174	54.2	51.6	18.31	17.49	4	3	9	15	130	13	2	....	2	1	1	....	4	3	4	2	6	22	37	45	40	5
	Time..	2	16	54.9	53.3	19.63	19.21	....	1	1	....	12	2	....	1	....	....	....	1	....	....	....	....	....	....	....	10	3	1
	Total..	16	190	54.2	51.7	18.42	17.64	4	4	10	15	142	15	2	....	3	1	1	....	4	3	4	3	6	22	37	55	43	....
All States.....	Piece..	79	1,088	58.2	51.0	15.19	13.71	27	66	138	227	574	56	32	13	21	25	32	36	35	56	66	72	183	162	124	98	114	19
	Time..	12	96	56.2	53.0	14.83	14.28	2	3	5	11	63	12	2	....	3	2	....	3	4	9	6	11	12	7	13	12	7	5
	Total..	82	1,184	58.1	51.2	15.16	13.76	29	69	143	238	637	68	34	13	24	27	32	39	39	65	72	83	195	169	137	110	121	24

SPEEDER TENDERS: Female.

Alabama.....	Piece..	5	92	60.0	45.4	\$10.33	\$7.88	8	7	30	20	26	1	12	3	6	8	8	7	7	6	13	12	9	1	....	....	....	....
	Time..	2	9	62.0	58.0	9.42	8.79	....	....	3	1	1	4	....	....	....	....	3	....	1	2	2	1	....	....	....	....	....	....
	Total..	6	101	60.2	46.5	10.25	7.96	8	7	33	21	27	5	12	3	6	8	11	7	8	8	15	13	9	1	....	....	....	....
Connecticut....	Piece..	4	148	55.0	52.3	15.08	14.31	....	6	8	3	131	....	....	....	....	4	1	1	4	2	....	2	46	60	16	11	1	....
	Time..	1	9	55.0	52.2	18.10	17.19	....	....	1	....	8	....	....	....	....	....	....	....	....	1	....	....	....	....	....	8	....	....
	Total..	4	157	55.0	52.3	15.25	14.47	....	6	9	3	139	....	....	....	....	4	1	1	4	3	....	2	46	60	16	19	1	....
Georgia.....	Piece..	8	96	60.0	46.6	12.16	10.56	3	11	24	22	35	1	4	3	4	5	11	9	10	4	8	11	17	8	1	....	1	....
Maine.....	Piece..	5	339	54.0	50.2	15.96	14.81	1	15	33	12	278	....	1	2	6	1	6	9	6	10	14	20	44	43	125	38	13	1
Massachusetts..	Piece..	20	1,194	54.0	49.8	15.77	14.57	27	51	68	104	944	....	24	9	9	16	16	10	18	17	27	58	229	353	228	107	72	1
	Time..	7	31	53.7	51.2	13.25	12.63	1	1	....	1	28	....	1	....	....	....	1	....	....	1	....	3	15	9	....	....	....	....
	Total..	20	1,225	54.0	49.8	15.70	14.53	28	52	68	105	972	....	25	9	9	16	17	10	18	18	28	61	244	362	228	107	72	1
New Hampshire	Piece..	3	144	54.0	49.7	15.93	14.64	4	8	6	9	117	....	2	2	....	1	3	3	3	1	2	4	23	43	43	12	1	1
	Time..	1	9	54.0	38.3	12.92	9.06	2	1	....	1	5	....	1	2	....	....	....	....	....	1	....	3	....	2	....	....	....	....
	Total..	3	153	54.0	49.1	15.75	14.31	6	9	6	10	122	....	3	4	....	1	3	3	3	2	2	7	23	45	43	12	1	1
New York.....	Piece..	2	135	54.0	51.9	14.42	13.89	2	2	5	4	122	....	2	....	....	2	....	1	2	3	1	4	48	64	1	....	7	....

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

## MANUFACTURING—Continued.

## ONE WEEK PAY ROLLS—Continued.

State.	Piece workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours wk'd per employee during one week.	Average full-time weekly earnings.	Average amount earned per employee during one week.	Employees working each classified per cent of full time during one week.						Employees earning each classified amount during one week.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and over.	

## SPEEDER TENDERS: Female—Concluded.

North Carolina.	Piece..	11	34	60.0	52.1	\$12.39	\$10.83	2	....	5	6	20	1	2	1	....	....	....	2	2	2	5	7	8	4	1	....	....	....
	Time..	2	3	60.0	60.0	12.13	12.13	2	....	5	6	20	1	2	1	....	....	....	2	2	2	5	7	8	4	1	....	....	....
Rhode Island...	Total..	13	37	60.0	52.7	12.37	10.94	2	....	5	6	23	1	2	1	....	....	....	2	2	2	5	8	10	4	1	....	....	....
	Piece..	3	195	54.0	50.4	16.47	15.39	4	6	7	24	154	....	1	3	1	5	1	4	3	6	5	5	19	54	35	33	19	1
South Carolina.	Piece..	18	186	60.0	47.2	11.98	9.56	6	19	37	69	55	....	8	7	9	13	13	11	10	19	26	24	33	5	5	2	1	....
	Time..	1	2	46.0	46.0	6.30	6.30	....	....	....	....	2	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....
Other States....	Total..	18	188	59.9	47.2	11.92	9.52	6	19	37	69	57	....	8	7	9	13	15	11	10	19	26	24	33	5	5	2	1	....
	Piece..	1	12	54.0	49.5	13.76	12.61	....	1	1	....	10	....	....	1	....	....	....	....	....	1	....	1	5	4	....	....	....	....
All States.....	Piece..	80	2,575	55.0	49.7	15.09	13.81	57	126	224	273	1,892	3	56	31	35	55	59	57	65	71	101	148	481	639	455	203	115	4
	Time..	14	63	55.2	50.7	13.08	12.00	3	2	4	3	47	4	2	2	....	....	6	....	1	5	3	8	17	11	....	8	....	....
Total..	Total..	83	2,638	55.0	49.7	15.04	13.77	60	128	228	276	1,939	7	58	33	35	55	65	57	66	76	104	156	498	650	455	211	115	4



SPINNERS, MULE: Male.

Connecticut....	Piece..	3	58	55.0	52.7	\$22.52	\$21.79	....	2	3	3	49	1	....	....	....	2	....	1	....	1	1	2	1	10	19	21		
	Time..	1	17	55.0	54.4	26.58	26.32	....	....	....	1	16	....	....	....	....	....	....	....	....	....	....	....	1	4	12			
	Total..	3	75	55.0	53.1	23.44	22.81	....	2	3	4	65	1	....	....	....	2	....	1	....	1	1	2	1	11	23	33		
Maine.....	Piece..	3	22	54.0	53.4	27.74	27.42	....	....	....	2	20	....	....	....	....	....	....	....	....	....	....	1	....	....	4	17		
Massachusetts..	Piece..	7	145	54.0	51.1	28.96	27.25	1	3	7	22	111	1	....	....	2	....	....	....	....	1	2	....	1	6	31	102		
	Time..	1	2	54.0	54.0	31.05	31.05	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....		
	Total..	7	147	54.0	51.2	28.98	27.30	1	3	7	22	113	1	....	....	2	....	....	....	....	1	2	....	1	6	31	104		
Rhode Island...	Piece..	3	48	54.0	47.7	22.84	20.34	2	4	3	3	36	....	....	2	....	1	....	1	....	2	....	3	....	3	31	5		
All States.....	Piece..	16	273	54.2	51.0	26.42	24.89	3	9	13	30	216	2	....	2	....	3	2	1	....	1	3	3	5	3	7	48	102	93
	Time..	2	19	54.9	54.9	27.05	26.82	....	....	....	1	18	....	....	....	....	....	....	....	....	....	....	....	....	1	4	14	....	
	Total..	16	292	54.3	51.3	26.46	25.01	3	9	13	31	234	2	....	2	....	3	2	1	....	1	3	3	5	3	7	49	106	107

SPINNERS, FRAME: Male.

Massachusetts..	Piece..	1	51	54.0	42.9	\$18.18	\$14.84	10	4	5	2	15	15	2	8	...	1	3	...	1	1	2	...	4	2	11	12	4	
	Time..	12	128	53.9	46.4	15.21	13.32	5	9	17	13	82	2	6	4	3	4	4	6	4	8	5	10	15	14	13	14	17	4
	Total..	12	179	54.0	45.4	16.05	13.75	15	13	22	15	97	17	8	12	3	5	7	6	4	9	6	12	15	18	15	25	29	5
New Hampshire	Piece..	2	10	54.0	53.0	17.07	16.78	...	...	...	1	9	...	...	...	...	...	...	...	...	...	...	2	1	2	5	...	...	
	Time..	1	1	54.0	54.0	16.52	16.50	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
	Total..	2	11	54.0	53.1	17.02	16.75	...	...	...	1	10	...	...	...	...	...	...	...	...	...	...	2	1	3	5	...	...	...
South Carolina. Other States....	Time..	18	95	54.3	38.8	8.17	5.98	7	8	29	28	23	...	12	7	15	20	8	15	3	7	2	3	2	1	...	...	...	
	Time..	15	84	55.2	45.5	14.03	11.64	6	5	11	18	41	3	5	2	3	4	4	5	4	4	3	6	16	11	8	3	6	...
All States.....	Piece..	3	61	54.0	44.6	18.00	15.16	10	4	5	3	24	15	2	8	...	1	3	...	1	1	2	2	5	4	16	12	4	
	Time..	46	308	56.1	43.9	12.71	10.61	18	22	57	59	147	5	23	13	21	28	16	26	11	19	10	19	31	28	22	17	23	4
	Total..	47	369	55.8	44.0	13.59	11.36	28	26	62	62	171	20	25	21	21	29	19	26	11	20	11	21	33	33	26	33	35	5

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

## MANUFACTURING—Continued.

## ONE WEEK PAY ROLLS—Continued.

State.	Piece workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours wk'd per employee during one week.	Average full-time weekly earnings.	Average amount earned per employee during one week.	Employees working each classified per cent of full time during one week.						Employees earning each classified amount during one week.															
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and over.

## SPINNERS, FRAME: Female.

Alabama.....	Time..	6	425	59.0	45.9	\$9.82	\$7.82	10	41	148	98	128	.....	29	29	36	38	62	41	35	33	28	21	53	15	5	.....	.....	.....
Connecticut.....	Time..	4	173	54.4	49.1	14.34	12.99	9	5	7	30	121	1	8	1	5	9	13	22	20	12	7	11	36	50	30	5	2	.....
Georgia.....	Piece..	1	119	58.9	39.9	9.49	6.46	11	14	38	43	13	.....	17	5	9	13	22	20	12	10	7	1	5	1	.....	.....	.....	.....
	Time..	7	426	60.1	45.3	11.07	8.44	24	46	113	103	126	14	29	15	27	25	48	46	50	36	45	31	54	17	3	.....	.....	.....
Total..		8	545	59.8	44.1	10.72	8.00	35	60	151	146	139	14	46	20	36	38	70	66	62	46	52	32	56	18	3	.....	.....	.....
Maine.....	Time..	4	540	53.7	46.5	15.75	13.67	5	46	76	80	333	.....	6	4	9	6	12	21	33	32	34	42	74	82	87	63	35	.....
Massachusetts..	Piece..	2	92	54.0	49.8	17.61	16.30	1	7	4	5	75	.....	1	.....	.....	4	1	3	.....	2	.....	1	4	13	23	29	11	.....
	Time..	20	1,730	53.7	49.5	14.70	14.45	28	71	122	168	1,334	7	24	13	10	23	28	35	46	67	61	114	320	578	345	47	19	.....
Total..		20	1,822	53.7	49.5	14.84	14.54	29	78	126	173	1,409	7	25	13	10	27	29	38	46	69	61	115	324	591	368	76	30	.....
New Hampshire	Piece..	2	306	54.0	50.6	15.82	14.81	2	12	20	25	247	.....	1	1	3	3	4	6	4	10	8	13	32	83	94	39	5	.....
	Time..	1	134	54.0	46.3	15.97	13.54	4	12	15	23	80	.....	4	.....	3	1	5	4	4	8	8	7	20	29	23	7	11	.....
Total..		3	440	54.0	49.3	15.86	14.43	6	24	35	48	327	.....	5	1	6	4	9	10	8	18	16	20	52	112	117	46	16	.....
New York.....	Time..	2	209	54.0	50.8	14.39	13.58	2	4	13	25	165	.....	2	1	.....	2	6	5	6	9	12	8	33	94	18	12	1	.....
North Carolina.	Time..	14	456	58.2	49.1	10.57	9.01	18	29	56	112	239	2	28	15	14	25	42	49	54	42	42	50	68	23	2	2	.....	
Rhode Island..	Time..	3	272	53.8	48.8	16.32	14.85	6	11	20	35	200	.....	5	3	5	2	1	9	3	9	10	9	38	53	67	33	23	2

South Carolina.	Time..	20	1,205	59.1	44.2	9.78	7.50	79	131	232	376	386	1	120	70	97	116	122	120	149	140	80	85	89	14	2	1	.....	.....	
Other States....	Piece..	1	36	54.6	41.8	10.47	8.43	4	3	5	7	17	.....	6	.....	3	1	1	3	3	5	4	2	6	2	.....	.....	.....	.....	
All States.....	Piece..	6	553	55.1	47.6	14.41	12.85	18	36	67	80	352	.....	25	6	15	21	28	32	19	27	19	17	44	99	117	68	16	.....	
	Time..	81	5,570	56.1	47.4	12.83	11.38	185	396	802	1050	3,112	.....	25	255	151	202	242	329	336	384	379	329	378	785	955	582	170	91	2
	Total..	85	6,123	56.0	47.4	12.98	11.51	203	432	869	1130	3,464	.....	25	280	157	217	263	357	368	403	406	348	395	829	1,054	699	238	107	2

## DOFFERS: Male.

Alabama.....	Piece..	1	54	60.0	48.4	\$11.31	\$9.42	1	7	9	12	25	.....	5	2	2	2	4	4	4	9	6	.....	8	3	4	1	.....	.....		
	Time..	6	189	58.5	45.3	11.04	9.02	6	20	60	40	61	.....	2	19	10	14	10	29	15	10	11	5	10	19	21	9	4	.....	.....	
	Total..	6	243	58.8	46.0	11.10	9.11	7	27	69	52	86	.....	2	24	12	16	12	33	19	14	20	11	10	27	24	13	5	3	.....	.....
Connecticut....	Piece..	1	6	53.3	53.7	14.37	14.41	.....	.....	.....	2	1	3	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	3	.....	2	.....	.....	.....	.....	
	Time..	4	67	51.3	48.9	12.60	12.06	2	1	2	4	51	7	2	1	.....	3	.....	1	1	3	13	5	15	14	9	.....	.....	.....	.....	
	Total..	4	73	51.4	49.3	12.74	12.25	2	1	2	6	52	10	2	1	.....	3	.....	1	1	3	14	5	18	14	11	.....	.....	.....	.....	
Georgia.....	Piece..	3	88	59.8	41.2	12.76	8.96	5	15	29	19	20	.....	7	6	4	4	10	8	8	10	8	3	6	7	4	2	1	.....	.....	
	Time..	6	218	59.7	45.7	13.52	10.56	20	32	41	51	76	8	20	8	8	8	6	10	16	12	25	17	37	28	9	8	6	.....	.....	
	Total..	8	306	59.8	44.4	13.30	10.10	25	37	70	70	96	8	27	14	12	12	16	18	24	22	33	20	43	35	13	10	7	.....	.....	
Maine.....	Time..	4	128	53.8	46.8	14.55	12.66	.....	14	14	21	78	1	.....	1	1	8	4	3	3	5	6	19	24	38	11	5	.....	.....	.....	
Massachusetts..	Piece..	6	130	52.5	48.1	15.49	14.41	4	6	10	17	76	17	3	1	1	.....	1	4	6	9	14	7	26	16	9	12	13	.....	8	
	Time..	17	325	53.0	49.1	14.35	13.38	10	17	16	27	217	38	10	5	2	3	6	4	5	10	28	21	72	105	19	15	17	.....	3	
	Total..	20	455	52.8	48.8	14.68	13.68	14	23	26	44	293	55	13	6	3	3	7	8	11	19	42	28	98	121	28	27	30	.....	11	
New Hampshire	Piece..	1	21	54.0	53.1	14.86	14.64	.....	.....	.....	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	3	10	5	.....	.....	.....		
	Time..	1	76	54.0	50.3	17.10	16.23	.....	7	6	12	35	16	1	1	2	.....	2	1	3	1	2	1	3	10	14	5	12	.....	7	
	Total..	2	97	54.0	50.9	16.62	15.89	.....	7	7	12	55	16	1	1	2	.....	2	1	3	2	3	3	16	20	19	5	12	.....	7	
New York.....	Time..	2	77	54.4	49.5	15.67	14.14	6	.....	3	6	59	3	1	5	.....	.....	.....	.....	.....	1	4	1	10	28	21	6	.....	.....	.....	
North Carolina.	Piece..	1	15	57.3	54.2	11.64	11.05	.....	.....	.....	7	8	.....	.....	.....	.....	.....	.....	.....	3	3	1	1	7	.....	.....	.....	.....	.....	.....	
	Time..	14	251	55.6	47.5	9.95	8.54	10	17	24	55	142	3	14	6	8	15	28	28	41	27	33	16	32	3	.....	.....	.....	.....	.....	
	Total..	14	266	55.6	47.5	10.05	8.68	10	17	24	62	150	3	14	6	8	15	28	28	44	30	34	17	39	3	.....	.....	.....	.....	.....	
Rhode Island...	Piece..	1	28	54.0	48.4	20.58	18.36	2	.....	3	2	21	.....	.....	1	.....	.....	1	1	.....	2	.....	1	1	2	1	6	5	7	.....	7
	Time..	2	78	53.6	47.4	17.16	14.98	1	8	6	8	55	.....	.....	1	2	.....	4	4	4	2	2	2	6	22	5	9	14	.....	1	
	Total..	3	106	53.7	47.7	18.07	15.88	3	8	9	10	76	.....	.....	2	2	.....	5	5	4	4	2	3	7	24	6	15	19	.....	8	

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

## MANUFACTURING—Continued.

## ONE WEEK PAY ROLLS—Continued.

State.	Piece workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours wk'd per employee during one week.	Average full-time weekly earnings.	Average amount earned per employee during one week.	Employees working each classified per cent of full time during one week.							Employees earning each classified amount during one week.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and over.		
DOFFERS: Male—Concluded.																															
South Carolina.	Piece..	12	309	58.4	45.9	\$11.30	\$9.08	13	26	76	81	111	2	20	10	17	21	24	36	27	26	37	20	37	20	11	2	1	.....		
	Time..	12	242	57.8	46.2	10.45	8.54	14	23	29	78	94	4	22	9	11	15	19	28	21	28	22	19	40	6	2	.....	.....	.....		
	Total..	20	551	58.1	46.0	10.93	8.84	27	49	105	159	205	6	42	19	28	36	43	64	48	54	59	39	77	26	13	2	1	.....		
Other States.....	Time..	1	3	54.0	29.3	8.10	4.40	1	.....	2	.....	.....	.....	1	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
All States.....	Piece..	26	651	57.1	46.5	12.88	10.83	25	54	128	140	282	22	35	20	24	27	40	53	48	60	68	33	91	58	36	23	20	15		
	Time..	69	1,654	55.7	47.3	12.88	11.18	70	129	203	302	868	82	90	47	48	64	98	94	104	100	140	112	268	275	99	52	52	11		
	Total..	84	2,305	56.1	47.1	12.88	11.08	95	183	331	442	1,150	104	125	67	72	91	138	147	152	160	208	145	359	*333	135	75	72	26		
DOFFERS: Female.																															
Maine.....	Time..	5	203	53.2	48.5	\$13.51	\$12.30	2	9	21	24	147	.....	1	3	.....	7	5	10	24	10	13	16	24	60	23	5	2	.....		
Massachusetts..	Piece..	3	131	50.3	47.8	12.31	11.73	2	1	5	19	104	.....	2	.....	1	1	2	.....	9	8	37	7	28	30	3	2	1	.....		
	Time..	8	148	52.4	49.1	13.99	13.05	2	5	5	21	101	14	2	.....	3	1	3	4	3	4	8	9	40	61	5	4	1	.....		
	Total..	10	279	51.4	48.5	13.20	12.41	4	6	10	40	205	14	4	.....	4	2	5	4	12	12	45	16	68	91	8	6	2	.....		



Other States.....	Piece..	2	6	52.6	53.6	11.46	11.66	.....	.....	.....	.....	5	1	.....	.....	.....	.....	.....	4	.....	1	1	.....	.....	.....	.....			
	Time..	5	65	52.8	47.8	10.35	9.49	2	3	3	10	47	.....	2	3	.....	1	2	7	4	24	5	5	7	5	.....			
	Total..	6	71	52.8	48.3	10.45	9.66	2	3	3	10	52	1	2	3	.....	1	2	7	4	24	9	5	8	6	.....			
All States.....	Piece..	5	137	50.4	48.1	12.27	11.72	2	1	5	19	109	1	2	.....	1	1	2	.....	9	8	41	7	29	31	3	2	1	.....
	Time..	18	416	52.8	48.5	13.18	12.12	6	17	29	55	295	14	5	6	3	9	10	21	31	38	26	30	71	126	28	9	3	.....
	Total..	21	553	52.2	48.2	12.95	12.03	8	18	34	74	404	15	7	6	4	10	12	21	40	46	67	37	100	157	31	11	4	.....

SPOILER TENDERS: Female.

Alabama.....	Piece..	5	186	59.7	46.0	\$8.43	\$6.74	10	18	66	38	54		21	16	25	22	15	25	16	16	12	6	5	6	1			
	Time..	1	35	60.0	55.9	9.23	8.58	1	1		5	28		1	1		1	1	6	8	9	6	1	1	6	1			
	Total..	6	221	59.8	47.5	8.56	7.03	11	19	66	43	82		22	17	25	23	16	31	24	25	18	7	6	6	1			
Connecticut....	Piece..	3	95	53.7	48.9	12.57	11.33	3	3	8	8	73		3	1	1	1	1	8	7	7	15	11	19	13	5	3		
	Time..	1	19	52.9	51.3	9.50	9.15			1	2	16					2	1		15	1								
	Total..	4	114	53.6	49.3	12.06	10.96	3	3	9	10	89		3	1	1	1	3	9	7	22	16	11	19	13	5	3		
Georgia.....	Piece..	8	262	59.8	47.1	9.75	7.86	10	24	60	71	77	20	23	16	19	17	30	31	27	18	36	20	15	5	4	1		
	Time..	1	4	60.0	47.8	8.82	7.40	1				1	2	1						1	1		1						
	Total..	8	266	59.8	47.1	97.3	7.86	11	24	60	71	78	22	24	16	19	17	30	31	28	19	36	21	15	5	4	1		
Maine.....	Piece..	4	257	53.9	49.3	13.26	12.22	1	12	23	34	187		1	1	7	9	4	9	15	21	14	31	57	64	14	9	1	
	Time..	1	25	54.0	50.1	12.96	12.05		2	2		21				1		1		2		3		18					
	Total..	5	282	53.9	49.4	13.23	12.20	1	14	25	34	208		1	1	8	9	5	9	17	21	17	31	75	64	14	9	1	
Massachusetts..	Piece..	20	854	53.4	49.2	13.44	12.45	13	30	52	145	614		17	7	7	11	23	27	40	57	69	5	127	173	161	81	44	10
	Time..	2	47	51.8	48.5	11.57	10.84		1	3	8	35			1			2	2	10	5	5	21	21					
	Total..	20	901	53.3	49.2	13.34	12.36	13	31	55	153	649		17	8	7	11	24	29	42	67	74	132	194	161	81	44	10	
New Hampshire	Piece..	3	115	54.0	47.9	12.89	11.50	4	7	9	18	77		5	1	2	2	3	6	3	10	12	8	37	19	6	1		
	Time..	1	2	54.0	50.9	11.99	11.31				1	1										1		1					
	Total..	3	117	54.0	47.9	12.88	11.50	4	7	9	19	78		5	1	2	2	3	6	3	10	13	8	38	19	6	1		
New York.....	Piece..	2	85	54.0	47.1	12.79	11.18	3	5	11	10	52	4	4	1	2	3	1	5	4	5	7	10	23	13	6	1		
	Piece..	14	212	59.3	44.9	9.64	7.40	19	21	41	56	75		24	5	18	25	23	20	26	24	19	11	14	2	1			
Rhode Island...	Piece..	2	58	53.7	44.3	11.72	9.68	2	2	20	4	30		2	2	2	2	3	2	3	6	19	11	1	5				
	Time..	1	50	54.0	52.0	13.96	13.48			3	4	43							1	1	1	1	3	21	15	7			
	Total..	3	108	53.8	47.9	12.76	11.44	2	2	23	8	73		2	2	2	2	3	3	4	7	20	14	22	20	7			

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

## MANUFACTURING—Continued.

## ONE WEEK PAY ROLLS—Continued.

State.	Piece workers or time- workers.	Number of estab- lish- m'ts.	Number of em- ploy- ees.	Aver- age full-time hours per week of estab- lish- m'ts.	Aver- age hours wk'd per em- ploy- ee dur- ing one week.	Aver- age full-time weekly earn- ings.	Aver- age amount earned per em- ployee dur- ing one week.	Employees working each classified per cent of full time during one week.					Employees earning each classified amount during one week.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and over.

## SPOOLER TENDERS: Female—Concluded.

South Carolina.	Piece..	19	552	58.6	45.0	\$8.72	\$6.76	28	74	96	188	166	71	39	39	64	71	89	52	51	27	28	18	2	1	.....	.....	.....	.....
	Time..	2	6	60.0	43.8	9.12	6.69	.....	.....	3	2	1	.....	.....	1	2	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States....	Total..	20	558	58.6	45.0	8.73	6.76	28	74	99	190	167	71	39	40	66	72	90	52	52	27	28	18	2	1	.....	.....	.....	.....
	Piece..	1	7	54.0	46.2	11.19	9.76	1	1	2	.....	4	.....	1	1	1	.....	1	1	1	.....	4	.....	.....	.....	.....	.....	.....	.....
All States.....	Time..	1	7	54.0	36.9	9.47	5.98	.....	.....	3	.....	2	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Total..	1	14	54.0	48.7	10.33	7.87	1	2	5	.....	6	.....	1	1	2	.....	2	1	2	1	.....	4	.....	.....	.....	.....	.....	.....
All States.....	Piece..	81	2,683	56.1	47.3	11.33	9.82	93	197	388	572	1,409	24	171	89	123	156	174	223	194	215	230	267	362	290	119	59	11	.....
	Time..	11	195	54.7	50.7	11.54	10.73	3	5	15	22	148	2	3	3	3	3	8	11	15	38	17	10	62	15	7	.....	.....	.....
All States.....	Total..	86	2,878	56.0	47.6	11.34	9.89	96	202	403	594	1,557	26	174	92	126	159	182	234	209	253	247	277	424	305	126	59	11	.....

## WARPER TENDERS: Male.

All States.....	Piece..	5	9	60.0	56.7	\$17.58	\$16.84	.....	.....	1	1	7	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	Time..	13	23	60.0	50.9	13.24	10.94	.....	4	3	1	12	3	.....	.....	2	1	.....	1	.....	2	1	2	3	9	2	1	1	3	.....
	Total..	17	32	60.0	52.5	14.46	12.60	.....	4	4	2	19	3	.....	.....	2	1	.....	2	.....	2	1	2	4	9	3	2	1	3	.....

## GENERAL TABLES.

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**TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.**

**MANUFACTURING—Continued.**

**ONE WEEK PAY ROLLS—Continued.**

State.	Piece workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours wk'd per employee during one week.	Average full-time weekly earnings.	Average amount earned per employee during one week.	Employees working each classified per cent of full time during one week.						Employees earning each classified amount during one week.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and over.	
BEAMER TENDERS: Male.																														
Massachusetts..	Piece..	6	135	54.0	52.5	\$25.97	\$25.23	1	2	2	17	114	4	1	1	1	1	1	1	1	1	1	2	2	1	4	26	99		
	Time..	5	23	54.0	48.5	24.00	21.69	1	1	2	3	12	4	1	1	1	1	1	1	1	1	1	1	2	2	2	13	6		
	Total..	9	158	54.0	51.9	25.68	24.71	1	3	4	20	126	4	1	1	1	1	1	1	1	1	1	2	2	3	4	39	105		
Other States....	Piece..	3	20	58.8	55.3	18.17	17.78	1	1	1	1	17	1	1	1	1	1	1	1	1	1	2	3	4	4	4	6	6		
	Time..	4	10	57.4	55.9	16.96	16.71	1	1	1	3	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4		
	Total..	7	30	58.3	55.5	18.17	17.42	1	1	1	4	22	2	1	1	1	1	1	1	1	1	3	4	4	5	10	10	10		
All States.....	Piece..	9	155	54.6	52.8	\$5.04	24.27	1	3	3	18	131	6	1	1	1	1	1	1	1	1	4	5	5	8	32	99			
	Time..	9	33	55.0	50.7	21.87	20.18	1	1	2	6	17	6	1	1	1	1	1	1	1	1	1	1	1	2	1	17	6		
	Total..	16	188	54.7	52.5	24.48	23.55	1	4	5	24	148	6	2	1	1	1	1	1	1	1	5	6	7	9	49	105	105		
BEAMER TENDERS: Female.																														
All States.....	Piece..	5	37	54.3	52.5	\$19.69	\$19.06	1	2	5	29	1	1	1	1	1	1	1	1	1	1	3	4	4	3	4	16	3		



## SLASHER TENDERS: Male.

Georgia.....	Time..	8	56	60.0	52.0	\$14.63	\$12.74	1	3	14	8	22	8	1	1	....	1	1	1	6	7	4	2	13	5	7	1	6	....
Maine.....	Time..	5	44	54.0	53.8	20.17	20.11	....	....	1	2	35	6	....	....	....	....	....	....	....	....	....	1	....	2	8	33	....	
Massachusetts..	Time..	20	158	54.0	54.7	21.86	22.63	....	1	3	10	102	42	....	....	....	....	....	....	....	....	1	1	2	....	23	99	32	
New Hampshire	Time..	3	27	54.0	53.1	22.09	21.73	....	....	1	....	26	....	....	....	....	....	....	....	....	....	1	....	....	....	24	....	2	
South Carolina	Time..	19	81	60.0	56.5	12.35	11.64	1	3	2	21	48	6	1	3	....	....	3	1	4	3	9	22	22	7	5	1	....	
Other States....	Piece..	2	2	57.5	57.5	20.00	20.00	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	
	Time..	28	106	57.7	56.5	16.76	16.76	....	1	6	7	79	13	....	....	....	2	1	1	4	1	8	....	16	13	13	7	37	3
All States.....	Total..	29	108	57.7	56.5	16.64	16.82	....	1	6	7	81	13	....	....	....	2	1	1	4	1	8	....	16	13	14	7	38	3
	Piece..	2	2	57.5	57.5	20.00	20.00	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	
	Time..	83	472	56.6	54.9	18.13	17.97	2	8	27	48	312	75	2	4	....	3	5	3	14	11	21	26	53	27	27	40	199	37
	Total..	84	474	56.6	54.9	18.13	17.97	2	8	27	48	314	75	2	4	....	3	5	3	14	11	21	26	53	27	28	40	200	37

## DRAWERS-IN: Female.

Alabama.....	Piece..	3	21	60.0	50.2	\$9.83	\$8.31	....	1	7	4	9	....	1	....	....	3	3	4	3	2	2	....	2	1	....	....	....	....
	Time..	3	8	60.9	56.7	9.46	8.90	....	....	1	3	2	2	....	....	....	1	....	2	1	2	1	....	1	....	....	....	....	....
	Total..	6	29	60.2	52.0	9.73	8.48	....	1	8	7	11	2	1	....	....	4	3	6	4	4	3	....	3	1	....	....	....	....
Connecticut....	Piece..	3	33	54.4	44.8	18.73	15.26	....	....	9	21	3	....	....	....	....	....	2	....	1	1	2	4	2	7	8	5	3	....
	Time..	1	10	55.0	52.6	14.92	14.33	....	....	1	....	9	....	....	....	....	....	1	....	....	1	2	2	2	3	....	1	....	....
	Total..	4	43	54.5	46.7	17.84	15.05	....	....	10	21	12	....	....	....	....	....	3	....	1	2	2	6	9	11	5	4	....	....
Maine.....	Piece..	3	44	54.0	48.1	17.41	15.52	....	....	2	27	15	....	....	....	....	....	2	2	1	....	1	8	11	7	7	5	....	....
	Time..	2	13	54.0	52.1	13.90	13.43	....	....	1	1	11	....	....	....	....	....	....	1	....	....	6	5	1	....	....	....	....	....
	Total..	5	57	54.0	49.0	16.61	15.05	....	....	3	28	26	....	....	....	....	....	2	3	1	....	1	14	16	8	7	5	....	....
Georgia.....	Piece..	3	27	60.0	53.6	10.36	9.27	1	2	....	7	17	....	2	....	....	1	4	5	4	4	3	3	....	1	....	....	....	....
	Time..	4	13	60.0	53.3	9.55	8.38	....	....	2	6	4	1	....	....	....	3	3	3	1	2	....	1	....	....	....	....	....	....
	Total..	7	40	60.0	53.5	10.10	8.98	1	2	2	13	21	1	2	....	....	4	7	8	5	6	3	4	....	1	....	....	....	....
Massachusetts..	Piece..	16	269	53.7	50.4	16.29	15.40	1	4	25	49	190	....	1	....	2	1	3	4	10	9	16	21	40	50	38	21	53	....
	Time..	9	15	53.4	52.7	15.73	15.50	....	....	....	2	13	....	....	....	....	....	3	....	....	1	....	2	4	5	3	....	....	....
	Total..	19	284	53.7	50.6	16.26	15.40	1	4	25	51	203	....	1	....	2	1	3	4	10	10	16	21	42	54	43	24	53	....

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

## MANUFACTURING—Continued.

## ONE WEEK PAY ROLLS—Continued.

State.	Piece workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours wk'd per employee during one week.	Average full-time weekly earnings.	Average amount earned per employee during one week.	Employees working each classified per cent of full time during one week.					Employees earning each classified amount during one week.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and over.

## DRAWERS-IN: Female—Concluded.

New Hampshire	Piece..	3	36	54.0	49.5	\$14.86	\$13.72	....	1	4	6	25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Time..	2	3	54.0	43.3	10.27	10.27	....	1	....	....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
North Carolina.	Total..	3	39	54.0	49.1	14.72	13.45	....	2	4	6	27	....	....	....	....	1	3	....	2	1	3	....	10	9	5	4	1	....
	Piece..	2	4	60.0	57.5	14.81	13.99	....	....	....	1	3	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....
Rhode Island...	Time..	5	15	60.0	56.2	11.07	10.35	....	....	....	1	6	....	....	....	....	....	....	....	....	1	3	4	5	1	....	....	....	....
	Total..	6	19	60.0	56.5	11.85	11.11	....	....	....	1	7	11	....	....	....	....	....	....	....	1	5	4	5	1	....	....	....	....
South Carolina	Piece..	3	51	54.0	51.2	15.15	14.61	1	....	1	15	34	....	1	....	....	1	1	2	....	2	4	4	9	5	8	5	9	....
	Time..	10	50	59.4	42.5	10.96	7.89	4	9	9	18	10	....	7	4	1	5	4	3	....	6	8	2	4	2	2	....	....	....
Other States....	Time..	9	27	60.0	54.2	9.88	8.90	1	1	2	4	19	....	1	1	....	1	1	1	....	4	10	6	1	1	....	....	....	....
	Total..	18	77	59.7	46.6	10.58	8.24	5	10	11	22	29	....	8	5	1	6	5	4	....	10	18	8	3	5	2	2	....	....
Other States....	Piece..	1	8	54.0	51.0	17.00	15.53	....	....	1	....	7	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
	Time..	2	4	54.0	50.9	10.83	10.20	....	....	....	1	3	....	....	....	....	....	....	....	....	1	1	....	2	....	....	....	....	....
Other States....	Total..	3	12	54.0	51.0	14.94	13.75	....	....	....	1	10	....	....	....	....	....	....	....	....	1	1	1	2	....	....	....	....	....

All States.....	Piece..	47	543	55.0	49.4	15.29	13.94	7	17	58	148	313	.....	12	4	3	10	15	21	28	30	33	33	78	87	74	43	72	.....
	Time..	37	108	57.5	53.5	11.86	11.09	1	2	8	23	71	3	1	1	.....	3	5	7	11	18	14	8	16	11	9	3	1	.....
	Total..	74	651	55.4	50.1	14.72	13.46	8	19	66	171	384	3	13	5	3	13	20	28	39	48	47	41	94	98	83	46	73	.....

LOOM FIXERS: Male.

Alabama.....	Time..	6	133	60.2	54.6	\$16.80	\$15.33	2	2	27	20	70	12	1	1	.....	2	.....	3	.....	13	10	9	17	24	50	3	.....
Connecticut.....	Time..	4	90	55.1	53.3	24.89	24.09	.....	2	3	2	83	.....	1	.....	.....	2	.....	2	.....	6	.....	1	1	1	1	51	33
Georgia.....	Time..	8	180	60.0	56.3	16.63	15.62	.....	5	18	28	114	15	.....	.....	3	1	.....	1	6	6	6	29	60	31	21	13	3
Maine.....	Time..	5	206	54.0	52.7	23.99	23.42	1	4	4	9	185	3	.....	.....	1	.....	.....	1	.....	2	.....	3	.....	2	5	136	56
Massachusetts.....	Piece..	2	10	54.0	57.2	26.71	28.24	.....	.....	.....	.....	3	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	9
	Time..	20	641	54.0	52.7	24.56	24.03	4	8	15	20	585	9	2	1	.....	3	1	3	1	2	.....	4	6	5	12	336	265
	Total..	20	651	54.0	52.8	24.59	24.07	4	8	15	20	588	16	2	1	.....	3	1	3	1	2	.....	4	6	5	12	337	274
New Hampshire.....	Time..	3	147	54.0	52.7	25.13	24.54	1	1	2	9	134	.....	.....	.....	1	.....	1	.....	.....	.....	1	.....	.....	1	2	52	89
New York.....	Time..	2	57	54.3	54.9	22.69	22.94	.....	.....	.....	2	45	9	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	5	48	3
North Carolina.....	Piece..	2	2	60.0	55.0	15.33	13.98	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
	Time..	11	94	60.0	54.3	16.23	14.70	5	4	5	7	66	7	3	1	2	2	.....	.....	1	2	3	1	9	29	25	9	7
	Total..	11	96	60.0	54.4	16.21	14.69	5	4	5	8	67	7	3	1	2	2	.....	.....	1	2	3	1	10	30	25	9	7
Rhode Island.....	Time..	3	182	54.0	51.9	27.14	26.25	1	3	5	11	162	.....	.....	.....	1	.....	.....	.....	.....	2	.....	3	2	1	4	21	148
South Carolina.....	Piece..	2	16	60.0	56.4	17.04	16.09	.....	.....	1	5	10	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	7	3	2	.....
	Time..	17	304	60.6	57.3	16.69	15.78	6	7	14	82	163	32	5	3	.....	1	2	2	1	2	5	4	32	89	110	31	13
	Total..	18	320	60.6	57.2	16.71	15.80	6	7	15	87	173	32	5	3	.....	1	2	2	2	2	5	5	32	96	113	33	15
Other States.....	Piece..	1	7	54.0	54.0	21.21	21.20	.....	.....	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....
All States.....	Piece..	7	35	57.1	56.1	20.54	19.89	.....	.....	1	6	21	7	.....	.....	.....	.....	.....	.....	1	.....	1	1	8	3	2	10	9
	Time..	79	2,034	56.3	53.9	21.96	21.20	20	37	93	190	1,607	87	11	6	4	4	11	6	10	12	33	21	91	204	200	140	601
	Total..	81	2,069	56.3	54.0	21.94	21.18	20	37	94	196	1,628	94	11	6	4	4	11	6	11	12	33	22	92	212	203	142	610

**TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.**

**MANUFACTURING—Continued.**  
**ONE WEEK PAY ROLLS—Continued.**

State.	Piece workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours wk'd per employee during one week.	Average full-time weekly earnings.	Average amount earned per employee during one week.	Employees working each classified per cent of full time during one week.							Employees earning each classified amount during one week.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
TRIMMERS OR INSPECTORS: Female.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Alabama.....	Time..	6	65	60.2	48.0	\$8.21	\$6.60	1	5	23	11	25	.....	3	4	6	12	12	7	13	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....</





**TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.**

**MANUFACTURING—Continued.  
ONE WEEK PAY ROLLS—Concluded.**

State.	Piece work- ers or time- work- ers.	Num- ber of estab- lish- m'ts.	Num- ber of em- ploy- ees.	Average full- time hours per week of estab- lish- m'ts.	Average hours wk'd per em- ploy- ee dur- ing one week.	Average full- time week- ly earn- ings.	Average amount earned per em- ploy- ee dur- ing one week.	Employees working each classified per cent of full time during one week.							Employees earning each classified amount during one week.																
								Under 25.	25 and un- der 50.	50 and un- der 75.	75 and un- der 100.	100.	Over 100.	Under \$3.	\$3 and un- der \$4.	\$4 and un- der \$5.	\$5 and un- der \$6.	\$6 and un- der \$7.	\$7 and un- der \$8.	\$8 and un- der \$9.	\$9 and un- der \$10.	\$10 and un- der \$11.	\$11 and un- der \$12.	\$12 and un- der \$14.	\$14 and un- der \$16.	\$16 and un- der \$18.	\$18 and un- der \$20.	\$20 and un- der \$25.	\$25 and over.		
OTHER EMPLOYEES: Male—Concluded.																															
North Carolina.	Piece- Time..	11 14	26 1,265	58.8 59.8	51.1 53.5	\$15.76 11.92	\$11.26 10.83	1 42	1 83	5 94	4 197	14 701	1 148	2 56	.... 40	.... 52	.... 38	2 74	1 67	1 78	4 240	1 108	1 90	6 173	6 77	2 53	.... 37	.... 41	.... 41		
	Total..	14	1,291	59.8	53.5	12.00	10.84	43	84	99	201	715	149	58	40	52	38	76	68	79	244	109	91	179	83	55	37	41	41		
Rhode Island...	Piece- Time..	3 3	66 892	54.0 54.5	42.8 52.8	20.74 18.10	16.14 17.66	1 13	5 27	28 37	5 49	26 660	1 106	.... 11	1 7	1 8	1 7	.... 8	1 10	1 15	2 11	2 22	8 47	8 88	11 185	11 128	4 83	10 129	5 133		
	Total..	3	958	54.4	52.1	18.29	17.56	14	32	65	54	686	107	11	8	9	8	8	11	16	13	24	55	96	196	139	87	139	138		
South Carolina.	Piece- Time..	10 20	43 2,944	60.0 60.2	49.7 54.2	11.74 11.09	9.74 10.23	1 73	4 154	7 259	18 676	12 1,499	1 283	2 141	3 66	1 107	2 130	.... 166	3 237	5 424	3 371	6 251	4 183	5 286	8 238	3 151	.... 105	.... 75	.... 13		
	Total..	20	2,987	60.2	54.1	11.10	10.23	74	158	266	694	1,511	284	143	69	108	132	166	242	427	377	255	188	294	241	152	105	75	13		
Other States....	Time..	1	50	55.0	51.0	14.26	12.97	2	1	7	3	25	12	2	1	....	....	....	....	3	3	1	6	7	7	8	5	2	5	....	
All States.....	Piece- Time..	58 86	533 18,365	55.0 56.9	48.8 53.8	15.61 14.90	14.04 14.47	11 468	28 728	92 1,196	75 2,191	278 10,093	49 3,689	21 546	9 283	15 367	21 401	14 623	22 666	17 1,073	32 1,331	40 1,004	30 1,090	64 2,353	59 2,362	65 1,541	33 1,248	48 1,840	43 1,637		
	Total..	86	18,898	56.8	53.6	14.92	14.46	479	756	1,288	2,266	10,371	3,738	567	292	382	422	637	688	1,090	1,363	1,044	1,120	2,417	2,421	1,606	1,281	1,888	1,680		

## GENERAL TABLES.

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**TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.**

**MANUFACTURING—Continued.**

**TWO-WEEK PAY ROLLS.**

State.	Piece workers or time workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks of establishments.	Average hours w'd per employee during two w'ks.	Average full-time bi-weekly earnings.	Average amount earned per employee during two weeks.	Employees working each classified per cent of full time during two weeks.					Employees earning each classified amount during two weeks.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$10.	\$10 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and under \$40.	\$40 and under \$50.	\$50 and under \$60.	\$60 and under \$70.	\$70 and over.

**CARD STRIPPERS: Male.**

All States.....	Piece..	2	3	120.0	116.4	\$22.44	\$21.83	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	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**DRAWING FRAME TENDERS: Male.**

All States.....	Piece..	3	6	118.0	97.1	\$25.19	\$21.10	---	1	1	2	2	---	---	---	---	1	---	---	1	---	2	1	1	---	---	---	---	---
	Time..	7	28	115.7	78.4	22.76	16.16	2	7	4	5	9	1	3	1	1	2	1	1	4	1	6	2	4	1	2	---	---	---
	Total..	9	34	116.1	81.7	22.90	17.04	2	8	5	7	11	1	3	1	1	2	2	1	4	2	6	4	5	3	---	---	---	---

**DRAWING-FRAME TENDERS: Female.**

New Hampshire	Piece..	1	73	107.3	95.2	\$27.15	\$24.38	1	5	5	27	32	3	1	---	---	---	3	3	2	---	4	22	27	11	---	---	---	---
	Time..	2	22	106.0	99.1	27.26	25.10	---	1	1	8	12	---	---	---	---	---	3	1	1	---	---	6	12	2	---	---	---	---
	Total..	2	95	107.4	96.1	27.17	24.54	1	6	6	35	44	3	1	---	---	---	3	4	3	---	4	28	39	13	---	---	---	---



Other States....	Time..	5	27	114.2	90.1	19.07	15.19	4	1	2	9	11	.....	2	2	.....	1	1	2	4	12	3	.....	.....	.....	.....
All States.....	Piece..	1	73	107.3	95.2	27.15	24.38	1	5	5	27	32	3	1	.....	3	3	2	.....	4	22	27	11	.....	.....	
	Time..	7	49	111.4	94.1	22.75	19.64	4	2	3	17	23	.....	2	2	.....	1	2	3	4	12	9	12	2	.....	.....
	Total..	7	122	108.9	94.8	25.38	22.47	5	7	8	44	55	3	3	2	.....	4	5	5	4	16	31	39	13	.....	.....

## SLUBBER TENDERS: Male.

Alabama.....	Piece..	2	11	120.0	95.6	\$27.32	\$22.11	1	...	3	...	7	...	1	...	...	...	3	...	1	2	1	3	...	...		
New Hampshire	Piece..	2	89	108.0	95.3	41.53	36.82	2	3	11	33	40	...	1	1	...	...	1	...	3	4	6	32	37	4		
Other States....	Piece..	6	14	120.0	109.6	25.27	22.95	...	...	2	7	5	...	...	...	...	...	...	...	3	6	5	...	...			
	Time..	2	5	117.6	78.0	23.95	15.94	1	...	2	1	1	...	...	...	1	...	1	...	1	1	1	...	...			
All States.....	Total..	8	19	119.4	101.3	24.92	21.11	1	...	4	8	6	...	...	...	1	...	1	...	1	4	6	6	...	...		
	Piece..	10	114	119.4	97.1	38.13	33.69	3	3	16	40	52	...	1	2	...	...	4	...	7	12	12	35	37	4		
	Time..	2	5	117.6	78.0	23.95	15.94	1	...	2	1	1	...	...	...	1	...	1	...	1	1	1	1	...	...		
	Total..	12	119	119.3	96.3	37.56	32.95	4	3	18	41	53	...	1	2	...	1	...	1	4	1	8	12	13	35	37	4

## SLUBBER TENDERS: Female.

All States.....	Piece..	3	5	108.0	70.0	\$28.12	\$18.21	1	.....	.....	2	2	.....	1	.....	.....	.....	.....	.....	1	2	.....	1	.....	.....
	Time..	2	10	108.0	63.4	21.14	12.50	3	1	2	.....	4	.....	3	.....	.....	1	1	.....	1	4	.....	.....	.....	.....
	Total..	3	15	108.0	65.6	23.47	14.40	4	1	2	2	6	.....	4	.....	.....	1	1	.....	1	1	6	.....	1	.....

## SPEEDER TENDERS: Male.

All States.....	Piece..	11	149	108.6	97.0	\$32.30	\$27.52	6	11	16	54	61	1	2	.....	.....	4	4	1	3	8	14	21	32	45	13	2	.....
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## SPEEDER TENDERS: Female.

All States.....	Piece..	11	492	109.0	97.0	\$32.10	\$28.78	4	21	53	152	262	.....	2	3	2	2	2	8	7	11	46	53	94	240	19	3	.....	.....
	Time..	4	20	109.8	76.2	19.93	13.84	2	3	3	5	6	1	3	...	1	2	2	3	.....	1	5	5	.....	.....	.....	.....	.....	
	Total..	12	512	109.0	96.2	31.62	28.19	6	24	56	157	268	1	5	3	3	2	4	11	7	12	51	58	94	240	19	3	.....	.....

**TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.**

**MANUFACTURING—Continued.**

**TWO-WEEK PAY ROLLS—Continued.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks of establishments.	Average hours w'kd per employee during two w'ks.	Average full-time bi-weekly earnings.	Average amount earned per employee during two weeks.	Employees working each classified per cent of full time during two weeks.					Employees earning each classified amount during two weeks.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$10.	\$10 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and under \$40.	\$40 and under \$50.	\$50 and under \$60.	\$60 and under \$70.	\$70 and over.
SPINNERS, FRAME: Male.																													
All States.....	Time..	4	9	111.1	90.9	\$23.23	\$18.84	.....	.....	4	2	3	.....	.....	.....	.....	.....	.....	3	.....	1	1	2	1	1	.....	.....	.....	
SPINNERS, FRAME: Female.																													
New Hampshire	Time..	2	828	107.6	91.6	\$29.21	\$24.88	26	60	100	225	417	.....	19	1	1	6	17	18	26	38	63	132	355	145	7	.....	.....	
North Carolina	Time..	5	155	113.6	89.3	21.50	17.09	7	13	22	67	45	1	5	4	3	3	10	9	19	13	36	29	22	2	.....	.....	.....	
Other States.....	Time..	6	155	115.4	88.7	19.08	14.57	4	15	37	66	33	.....	4	4	4	10	20	19	18	14	29	25	7	1	.....	.....	.....	
	Total..	13	1,138	109.5	90.9	26.78	22.41	37	88	159	358	495	1	28	9	8	19	47	46	63	65	128	186	384	148	7	.....	.....	.....
DOFFERS: Male.																													
New Hampshire	Piece..	1	134	105.5	94.4	\$32.03	\$28.83	3	7	6	53	65	.....	1	1	.....	1	1	4	5	5	3	9	28	74	2	.....	.....	.....
	Time..	1	54	108.0	95.0	30.46	26.79	1	1	10	10	32	.....	1	1	.....	1	1	3	.....	1	2	15	18	14	.....	.....	.....	
	Total..	2	188	106.2	94.6	31.58	28.24	4	8	16	63	97	.....	2	1	.....	1	1	7	5	6	5	24	46	88	2	.....	.....	.....

North Carolina.	Piece..	2	17	106.0	84.9	20.77	17.00	1	3	1	4	8	.....	1	.....	2	2	1	1	1	2	1	6	.....	.....	.....	.....	
	Time..	5	58	104.6	82.9	17.58	16.08	3	9	3	22	21	.....	3	1	3	7	1	4	11	5	11	12	.....	.....	.....	.....	
	Total..	5	75	104.9	83.3	18.37	16.29	4	12	4	26	29	.....	4	1	3	9	3	5	12	6	13	13	6	.....	.....	.....	
Other States....	Time..	5	64	115.6	96.0	20.50	16.93	2	2	8	29	23	.....	2	.....	4	4	5	7	8	13	13	3	5	.....	.....	.....	
All States.....	Piece..	3	151	105.6	93.4	30.76	27.49	4	10	7	57	73	.....	2	1	3	3	5	6	6	5	10	34	74	2	.....	.....	
	Time..	11	176	109.7	91.4	22.59	19.68	6	12	21	61	76	.....	6	1	3	11	5	12	18	14	26	40	21	19	.....	.....	
	Total..	12	327	107.8	92.3	26.39	23.29	10	22	28	118	149	.....	8	2	3	14	8	17	24	20	31	50	55	93	2	.....	.....

## DOFFERS: Female.

All States.....	Piece..	1	113	108.0	84.6	\$32.42	\$25.03	4	12	22	46	29	.....	2	.....	2	2	2	1	3	5	8	16	41	31	.....	.....
	Time..	3	35	108.0	89.4	25.04	20.73	1	1	8	10	14	.....	1	.....	.....	.....	.....	2	5	5	5	2	14	1	.....	.....
	Total..	4	148	108.0	85.7	30.67	24.01	5	13	30	56	43	.....	3	.....	2	2	2	3	8	10	13	18	55	32	.....	.....

## SPOOLER TENDERS: Female.

Alabama.....	Piece..	1	32	120.0	83.3	\$18.86	\$13.19	3	4	7	14	4		3		3	3	4	3	8	5	3					
	Time..	1	27	120.0	96.2	16.48	13.30		4	3	10	10		1		1	4	1	3	5	9						
	Total..	2	59	120.0	89.2	17.77	13.24	3	8	10	24	14		4		1	7	4	7	6	13	14	3				
New Hampshire	Piece..	2	400	106.4	90.6	29.29	24.84	12	28	50	196	114		3	4	5	5	8	11	13	14	27	86	116	106	2	
	Time..	1	8	108.0	98.1	28.78	26.10		1		2	6					1						7				
	Total..	2	408	106.4	90.8	29.28	24.86	12	29	50	198	119		3	4	5	5	9	11	13	14	27	86	123	106	2	
North Carolina.	Piece..	5	90	119.0	89.4	18.93	14.37	9	9	15	28	26		3	7	3	2	6	6	9	11	26	7	6	1		
	Time..	1	1	120.0	110.0	18.00	16.50				1										1						
	Total..	5	91	119.0	89.6	18.93	14.39	9	9	15	29	26		3	7	3	2	6	6	9	11	27	7	6	1		
Other States....	Piece..	1	15	120.0	81.5	15.20	10.63	1	1	3	10			1		3		5	5		1						
	Time..	4	34	110.5	91.6	16.37	13.60	2	1	4	17	10		2			2	1	8	15	6						
	Total..	4	49	113.4	88.5	16.13	12.69	3	2	7	27	10		3		3	2	6	13	15	7						
All States.....	Piece..	9	537	109.7	89.7	26.55	21.99	25	42	75	248	144		3	14	7	7	17	17	26	30	33	59	96	122	107	2
	Time..	7	70	114.0	94.4	17.85	14.95	2	6	7	30	25		3		1	4	4	4	11	20	16		7			
	Total..	13	607	110.2	90.3	25.55	21.18	27	48	82	278	169		3	17	7	8	21	21	30	41	53	75	96	129	107	2

**TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL-TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.**

**MANUFACTURING—Continued.**

**TWO-WEEK PAY ROLLS—Continued.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks of establishments.	Average hours w'kd per employee during two w'ks.	Average full-time bi-weekly earnings.	Average amount earned per employee during two weeks.	Employees working each classified per cent of full time during two weeks.					Employees earning each classified amount during two weeks.																	
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$10.	\$10 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and under \$40.	\$40 and under \$50.	\$50 and under \$60.	\$60 and under \$70.	\$70 and over.	
WARPER TENDERS: Male.																														
All States.....	Time..	9	22	117.3	93.6	\$27.02	\$22.06	.....	.....	2	3	13	4	.....	.....	.....	.....	1	1	1	.....	.....	3	11	5	.....	.....	.....	.....	
WARPER TENDERS: Female.																														
New Hampshire	Piece..	2	82	108.0	94.4	\$32.22	\$28.23	2	5	5	39	31	.....	1	.....	.....	3	.....	2	1	2	4	7	24	31	7	.....	.....	.....	.....
	Time..	2	11	108.0	106.5	26.06	25.71	.....	.....	.....	2	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	9	.....	.....	.....	.....	.....	.....	.....
Other States.....	Total..	2	93	108.0	95.8	31.50	27.94	2	5	5	41	40	.....	1	.....	.....	3	.....	2	1	2	4	9	33	31	7	.....	.....	.....	.....
	Piece..	1	4	120.0	94.3	33.51	26.87	.....	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	1	.....	.....	.....	.....
All States.....	Time..	2	3	120.0	99.0	21.20	17.57	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....
	Total..	3	7	120.0	96.3	28.23	22.89	.....	.....	2	4	1	.....	.....	.....	.....	.....	.....	.....	.....	2	1	2	.....	1	.....	1	.....	.....	.....
All States.....	Piece..	3	86	108.6	94.4	32.28	28.17	2	5	7	40	32	.....	1	.....	.....	3	.....	2	1	3	4	8	25	31	8	.....	.....	.....	.....
	Time..	4	14	111.0	104.9	25.02	23.96	.....	.....	.....	5	9	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	9	.....	.....	.....	.....	.....	.....
All States.....	Total..	5	100	109.0	95.8	31.26	27.58	2	5	7	45	41	.....	1	.....	.....	3	.....	2	1	4	5	11	34	31	8	.....	.....	.....	.....



BEAMER TENDERS: Male.

All States.....	Piece..	4	19	120.0	112.0	\$34.13	\$31.45	.....	1	11	6	1	.....	.....	.....	.....	1	.....	1	6	8	3	.....	.....
	Time..	4	19	114.9	99.4	33.41	29.05	.....	2	2	3	11	1	.....	.....	1	1	1	3	.....	12	.....	.....	
	Total..	6	38	117.5	105.7	33.77	30.25	.....	2	3	14	17	2	.....	.....	1	1	2	4	6	20	3	.....	.....

BEAMER TENDERS: Female.

All States.....	Piece..	1	66	108.0	83.1	\$32.84	\$25.33	1	8	6	51	.....	.....	.....	1	2	.....	3	3	4	13	25	15	.....	.....
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SLASHER TENDERS: Male.

All States.....	Piece..	1	68	108.0	91.9	\$52.53	\$44.74	.....	2	4	58	4	.....	.....	.....	.....	1	.....	1	2	12	34	17	1	.....
	Time..	9	27	114.2	114.6	35.26	31.69	.....	.....	.....	6	14	7	.....	.....	.....	.....	1	4	5	3	14	.....	.....	
	Total..	10	95	109.8	98.4	47.62	42.09	.....	2	4	64	18	7	.....	.....	.....	.....	1	5	7	15	48	17	1	.....

DRAWERS-IN: Female.

New Hampshire	Piece..	2	139	108.0	83.0	\$34.90	\$26.97	4	11	36	66	22	.....	2	1	.....	2	1	2	4	7	9	29	30	42	10	.....	.....	
Other States....	Piece..	3	7	120.0	88.7	20.38	15.11	.....	1	1	3	1	2	.....	.....	1	.....	.....	.....	.....	.....	1	2	.....	1	5	2	.....	
	Time..	5	9	117.3	87.8	22.31	16.38	1	1	.....	4	3	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	5	.....	1	.....
	Total..	8	16	118.5	88.2	21.47	15.83	1	2	3	5	5	.....	1	.....	1	.....	1	.....	.....	.....	1	2	.....	1	6	2	1	.....
All States.....	Piece..	5	146	108.6	83.3	34.20	26.39	4	12	39	67	24	.....	2	1	1	2	1	3	6	7	10	31	30	42	10	.....	.....	
	Time..	5	9	117.3	87.8	22.31	16.38	1	1	.....	4	3	.....	1	.....	.....	1	.....	.....	.....	6	.....	1	.....	.....	.....	.....	.....	.....
	Total..	10	155	109.1	83.5	33.51	25.81	5	13	39	71	27	.....	3	1	1	2	2	3	6	7	16	31	31	42	10	.....	.....	.....

**TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.**

**MANUFACTURING—Continued.**

**TWO-WEEK PAY ROLLS—Continued.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks of establishments.	Average hours w'kd per employee during two w'ks.	Average full-time bi-weekly earnings.	Average amount earned per employee during two weeks.	Employees working each classified per cent of full time during two weeks.					Employees earning each classified amount during two weeks.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$10.	\$10 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and under \$40.	\$40 and under \$50.	\$50 and under \$60.	\$60 and under \$70.	\$70 and over.

**LOOM FIXERS: Male.**

Alabama.....	Time..	2	25	120.0	103.4	\$37.56	\$32.48	1	1	3	6	14	.....	.....	.....	1	.....	.....	.....	.....	1	1	1	3	13	5	.....	.....	.....
New Hampshire	Time..	2	340	108.0	104.8	49.94	48.43	1	4	12	31	289	3	.....	.....	.....	.....	1	.....	.....	1	1	5	4	27	42	258	1	.....
North Carolina.	Piece..	3	3	120.0	98.0	29.08	23.91	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....
	Time..	5	48	120.0	108.2	32.46	29.57	2	2	3	6	29	6	2	.....	.....	.....	2	.....	.....	.....	2	2	10	28	2	.....	.....	.....
	Total..	5	51	120.0	107.6	32.26	29.24	2	2	4	7	30	6	2	.....	.....	.....	2	.....	.....	.....	3	3	10	29	2	.....	.....	.....
Other States....	Time..	5	46	122.8	108.9	33.12	29.38	2	3	1	20	14	6	2	.....	.....	.....	3	.....	.....	.....	1	5	7	26	2	.....	.....	.....
All States.....	Piece..	3	3	120.0	98.0	29.08	23.91	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	.....	.....	.....
	Time..	14	459	111.3	105.4	45.75	43.68	6	10	19	63	346	15	4	.....	1	.....	5	1	.....	2	5	13	24	94	51	258	1	.....
	Total..	14	462	111.4	105.3	45.64	43.55	6	10	20	64	347	15	4	.....	1	.....	5	1	.....	2	6	14	24	95	51	258	1	.....

**WEAVERS: Male.**

Alabama.....	Piece..	8	299	119.9	97.4	\$29.13	\$24.03	2	21	94	74	107	1	3	.....	4	4	5	16	13	20	40	52	59	71	11	1	.....	.....
	Time..	4	32	120.0	64.4	19.47	10.68	7	6	11	3	5	.....	6	2	2	2	4	4	3	1	2	6	.....	.....	.....	.....	.....	.....
	Total..	8	331	120.0	94.2	28.19	22.74	9	27	105	77	112	1	9	2	6	6	9	20	16	21	42	58	59	71	11	1	.....	.....

Connecticut....	Piece..	4	360	109.7	103.2	37.12	35.18	2	4	29	32	293	.....	1	1	1	2	1	6	3	6	19	20	22	167	97	15	.....	
	Time..	1	3	110.0	26.7	37.95	9.84	2	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....		
Georgia.....	Total..	4	363	109.7	102.8	37.12	34.97	4	4	30	32	293	.....	1	2	1	2	1	6	3	6	19	20	23	167	97	15	.....	
	Piece..	10	436	120.0	85.1	27.51	19.95	22	69	119	143	68	15	14	6	5	20	19	30	23	27	87	83	61	53	8	.....		
Maine.....	Time..	5	59	120.0	46.1	22.34	8.98	27	15	7	5	4	1	20	3	5	8	6	4	3	.....	.....	5	4	1	.....	.....		
	Total..	10	495	120.0	80.5	26.89	18.64	49	84	126	148	72	16	34	9	10	28	25	34	26	27	87	88	65	54	8	.....		
Massachusetts..	Piece..	5	539	107.9	96.3	41.37	37.06	5	17	61	92	364	.....	.....	.....	4	2	9	6	5	25	43	34	174	176	54	7	.....	
	Time..	2	49	108.0	80.0	40.01	32.10	7	5	6	12	19	.....	1	.....	5	3	2	2	.....	1	.....	4	1	1	29	.....		
New Hampshire	Total..	5	588	107.9	94.9	41.26	36.64	12	22	67	104	383	.....	1	.....	5	7	4	11	6	6	25	47	35	175	205	54	7	.....
	Piece..	20	2,316	107.9	96.5	35.42	31.98	48	95	255	313	1,557	48	14	12	11	19	29	43	47	45	111	148	361	951	470	55	.....	
North Carolina.	Time..	11	94	107.6	41.0	31.47	12.97	44	20	13	2	14	1	34	3	2	8	5	3	9	5	5	2	2	14	2	.....		
	Total..	20	2,410	107.9	94.3	35.27	31.24	92	115	268	315	1,571	49	48	15	13	27	34	46	56	50	116	150	363	965	472	55	.....	
New York.....	Piece..	5	1,009	108.0	97.5	37.21	33.69	14	43	94	205	653	.....	4	1	3	6	11	16	12	14	26	73	110	481	225	27	.....	
	Time..	1	20	108.0	82.7	31.85	24.79	.....	5	2	1	12	.....	.....	.....	1	3	.....	.....	.....	.....	1	.....	1	2	10	.....		
Rhode Island...	Total..	5	1,029	108.0	97.2	37.10	33.52	14	48	96	206	665	.....	4	1	3	7	14	16	14	15	26	74	112	491	225	27	.....	
	Piece..	2	197	108.7	95.6	36.17	31.65	9	5	23	31	129	.....	5	1	.....	1	3	3	1	2	11	12	19	114	25	.....		
South Carolina.	Time..	18	633	120.0	99.0	29.67	24.18	28	45	96	172	287	5	12	6	5	14	12	20	27	23	66	102	175	164	7	.....		
	Total..	18	667	119.7	97.3	29.11	23.58	36	53	100	179	294	5	17	7	7	21	14	21	28	27	70	105	176	167	7	.....		
Pennsylvania...	Piece..	3	554	107.9	95.1	38.85	34.40	13	20	72	86	363	.....	7	1	1	4	9	11	9	13	28	40	38	185	179	27	2	.....
	Time..	1	3	108.0	17.9	11.32	4.06	3	.....	.....	.....	.....	.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
All States.....	Total..	3	557	107.9	94.7	38.76	34.24	16	20	72	86	363	.....	9	1	1	5	9	11	9	13	28	40	38	185	179	27	2	.....
	Piece..	19	987	119.7	95.6	28.02	22.90	50	82	148	415	292	.....	37	13	8	24	33	27	37	41	97	225	247	171	25	2	.....	
Total..	Time..	5	60	119.5	54.0	20.08	9.16	19	17	7	15	2	.....	18	4	3	6	4	3	1	6	12	3	.....	.....	.....	.....		
	Total..	19	1,047	119.7	93.3	27.56	22.11	69	99	155	430	294	.....	55	17	11	30	37	30	38	47	109	228	247	171	25	2	.....	
Total..	Piece..	3	25	108.0	103.1	26.19	24.81	.....	.....	2	5	18	.....	.....	.....	.....	.....	.....	.....	.....	2	3	5	12	3	.....	.....		
	Time..	97	7,355	111.8	96.3	34.22	29.97	193	401	993	1,568	4,131	69	96	41	38	98	124	181	178	198	513	803	1,138	2,534	1,223	181	9	.....
Total..	Time..	37	354	112.7	56.0	27.08	14.62	117	76	51	45	63	2	87	14	19	36	26	17	19	18	23	25	10	29	31	.....		
	Total..	97	7,709	111.9	94.5	33.89	29.27	310	477	1,044	1,613	4,194	71	183	55	57	134	150	198	197	216	536	828	1,148	2,563	1,254	181	9	.....

**TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.**

**MANUFACTURING—Continued.**

**TWO-WEEK PAY ROLLS—Continued.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks of establishments.	Average hours w'kd per employee during two w'ks.	Average full-time bi-weekly earnings.	Average amount earned per employee during two weeks.	Employees working each classified per cent of full time during two weeks.							Employees earning each classified amount during two weeks.																	
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$10.	\$10 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and under \$40.	\$40 and under \$50.	\$50 and under \$60.	\$60 and under \$70.	\$70 and over.			
WEAVERS: Female.																																
Alabama.....	Piece..	8	378	120.5	89.8	\$24.25	\$18.53	11	48	130	87	102	.....	11	7	11	12	19	30	31	35	58	68	63	31	2	.....	.....	.....	.....	.....	
	Time..	5	93	120.0	63.0	17.12	9.21	21	17	32	15	8	.....	23	5	3	9	21	4	4	7	14	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut....	Total..	8	471	120.4	84.5	22.85	16.69	32	65	162	102	110	.....	34	12	14	21	40	34	35	42	72	71	63	31	2	.....	.....	.....	.....	.....	
	Piece..	4	374	109.7	103.3	33.35	31.25	3	2	34	29	306	.....	2	.....	.....	1	2	3	7	10	17	44	63	177	48	.....	.....	.....	.....	.....	
Georgia.....	Time..	1	1	110.0	15.0	35.54	4.84	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	Total..	4	375	109.7	103.1	33.36	31.18	4	2	34	29	306	.....	2	1	.....	1	2	3	7	10	17	44	63	177	48	.....	.....	.....	.....	.....	
Maine.....	Piece..	10	494	119.8	83.8	22.98	16.49	35	63	134	175	82	5	25	10	11	30	24	40	32	53	103	85	60	21	.....	.....	.....	.....	.....	.....	
	Time..	7	72	118.8	67.4	21.00	12.03	15	17	14	10	16	.....	15	2	2	7	8	6	2	6	11	9	3	1	.....	.....	.....	.....	.....	.....	
Massachusetts..	Total..	10	566	119.6	81.6	22.73	15.93	50	80	148	185	98	5	40	12	13	37	32	46	34	59	114	94	63	22	.....	.....	.....	.....	.....	.....	
	Piece..	5	611	107.9	98.1	36.34	33.37	5	21	80	67	438	.....	.....	1	1	1	4	12	13	15	33	47	96	236	135	16	1	.....	.....	.....	
.....	Time..	2	49	108.0	95.0	42.72	37.99	2	2	4	12	29	.....	.....	.....	.....	1	2	1	.....	.....	.....	4	.....	10	31	.....	.....	.....	.....	.....	
	Total..	5	660	107.9	97.8	36.82	33.71	7	23	84	79	467	.....	.....	1	1	2	6	13	13	15	33	51	96	246	166	16	1	.....	.....	.....	
.....	Piece..	20	3,705	107.8	98.5	32.71	29.65	59	109	426	436	2,671	4	25	9	10	28	39	57	75	108	216	343	798	1,612	371	14	.....	.....	.....	.....	
	Time..	9	80	107.8	60.4	31.64	18.48	17	16	20	8	19	.....	11	5	.....	4	.....	6	8	9	6	7	4	20	.....	.....	.....	.....	.....	.....	



New Hampshire	Total..	20	3,785	107.8	97.7	32.69	29.42	76	125	446	444	2,690	4	36	14	10	32	39	63	83	117	222	350	802	1,632	371	14	.....	.....
	Piece..	5	2,526	108.0	98.1	34.62	31.50	40	89	236	462	1,699	.....	17	8	3	18	19	29	44	34	101	221	412	1,252	354	14	.....	.....
	Time..	2	55	108.0	100.0	22.86	21.22	1	4	1	4	45	.....	1	.....	.....	1	2	1	1	.....	2	45	1	1	.....	.....	.....	.....
New York.....	Total..	5	2,581	108.0	97.8	34.37	31.28	4	93	237	466	1,744	.....	18	8	3	19	21	30	45	34	103	266	413	1,253	354	14	.....	.....
	Piece..	2	183	108.0	91.1	32.24	27.31	9	7	28	37	102	.....	4	.....	2	3	1	2	5	7	14	25	32	86	2	.....	.....	.....
	Time..	18	426	119.2	97.2	25.44	20.83	17	36	65	117	191	.....	8	5	7	12	20	16	19	21	75	102	96	45	.....	.....	.....	.....
North Carolina.	Piece..	18	426	119.2	97.2	25.44	20.83	17	36	65	117	191	.....	8	5	7	12	20	16	19	21	75	102	96	45	.....	.....	.....	.....
	Time..	9	41	114.1	81.2	18.74	13.24	3	6	9	12	11	.....	4	1	.....	4	4	3	4	6	11	4	.....	.....	.....	.....	.....	.....
	Total..	18	467	118.7	95.8	24.85	20.17	20	42	74	129	202	.....	12	6	7	16	24	19	23	27	86	106	96	45	.....	.....	.....	.....
Pennsylvania...	Piece..	3	119	108.0	99.9	24.07	22.26	1	2	6	37	73	.....	1	.....	.....	1	1	2	3	7	34	32	22	15	1	.....	.....	.....
	Piece..	3	585	107.8	96.4	35.90	32.47	9	22	73	101	380	.....	3	2	7	6	8	10	17	11	35	40	69	213	140	24	.....	.....
	Time..	1	6	108.0	7.4	33.12	2.26	6	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island...	Total..	3	591	107.8	95.5	35.57	32.16	15	22	73	101	380	.....	9	2	7	6	8	10	17	11	35	40	69	213	140	24	.....	.....
	Piece..	19	624	118.8	91.9	24.20	19.00	49	58	92	238	187	.....	35	15	13	19	22	29	37	39	98	163	109	41	4	.....	.....	
	Time..	4	78	119.6	57.3	19.06	9.13	25	17	13	18	5	.....	20	7	2	7	13	5	3	5	14	2	.....	.....	.....	.....	.....	.....
South Carolina.	Total..	19	702	118.9	88.0	23.63	17.90	74	75	105	256	192	.....	55	22	15	26	35	34	40	44	112	165	109	41	4	.....	.....	
	Piece..	97	10,025	110.2	96.8	31.87	28.33	238	457	1,304	1,786	6,231	9	131	57	65	131	159	230	283	340	784	1,170	1,820	3,729	1,057	68	1	.....
	Time..	40	475	114.4	70.6	23.78	15.80	91	79	93	79	133	.....	80	21	7	33	50	26	22	33	58	74	8	32	31	.....	.....	.....
All States.....	Total..	97	10,500	110.4	95.6	31.51	27.76	329	536	1,397	1,865	6,364	9	211	78	72	164	209	256	305	373	842	1,244	1,828	3,761	1,088	68	1	.....

## TRIMMERS OR INSPECTORS: Female.

Alabama.....	Time..	2	16	120.0	101.3	\$17.96	\$15.40	.....	1	4	4	7	.....	1	.....	1	.....	1	3	4	1	5	.....	.....	.....	.....	.....
New Hampshire	Piece..	1	6	108.0	87.1	30.60	24.88	1	.....	.....	5	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	
	Time..	2	32	108.0	100.6	23.40	21.84	.....	1	2	8	21	.....	.....	.....	1	.....	1	.....	1	.....	2	24	4	3	1	
	Total..	2	38	108.0	98.6	24.54	22.32	1	1	2	13	21	.....	1	.....	1	.....	1	.....	1	2	24	7	1	.....	.....	
Other States....	Time..	2	3	120.0	116.3	16.20	15.79	.....	.....	.....	1	2	.....	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....	.....	.....	
All States.....	Piece..	1	6	108.0	87.1	30.60	24.88	1	.....	.....	5	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	Time..	6	51	112.5	101.8	21.27	19.46	.....	2	6	13	30	.....	1	.....	2	.....	3	3	5	5	29	4	3	1		
	Total..	6	57	112.0	100.2	22.25	20.04	1	2	6	18	30	.....	1	1	.....	2	.....	3	3	5	5	29	7	1	.....	

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Concluded.

## MANUFACTURING—Concluded.

## TWO-WEEK PAY ROLLS—Concluded.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks of establishments.	Average hours w'kd per employee during two w'ks.	Average full-time bi-weekly earnings.	Average amount earned per employee during two weeks.	Employees working each classified per cent of full time during two weeks.					Employees earning each classified amount during two weeks.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$10.	\$10 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and under \$40.	\$40 and under \$50.	\$50 and under \$60.	\$60 and under \$70.	\$70 and over.

## OTHER EMPLOYEES: Male.

Alabama.....	Piece..	2	7	104.3	94.9	\$18.79	\$18.07	---	---	1	3	3	---	---	---	1	2	---	---	2	1	---	---	1	---	---	---	---	
	Time..	2	280	120.5	104.0	25.15	22.71	15	17	33	45	140	30	12	3	3	11	21	10	9	19	47	64	23	32	10	5	5	6
	Total..	2	287	120.1	103.8	24.99	22.59	15	17	34	48	143	30	12	3	3	12	21	12	9	19	49	65	23	32	11	5	5	6
Georgia.....	Piece..	1	1	120.0	76.0	30.12	19.08	---	---	1	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---
	Time..	2	125	121.0	85.5	21.13	15.37	18	10	18	65	6	8	17	3	2	7	7	7	17	15	16	22	3	6	2	1	---	---
	Total..	2	126	121.0	85.4	21.20	15.40	18	10	19	65	6	8	17	3	2	7	7	7	17	15	17	22	3	6	2	1	---	---
New Hampshire	Piece..	2	221	107.3	80.7	31.82	24.65	24	27	26	63	80	1	16	4	2	5	9	9	4	14	28	46	43	29	3	---	---	
	Time..	2	4,009	105.4	99.6	36.74	34.87	79	212	243	677	2,073	725	44	23	18	38	46	64	59	67	97	361	734	1,205	664	429	104	56
	Total..	2	4,230	105.5	98.6	36.48	34.33	103	239	269	740	2,153	726	60	27	20	43	55	73	68	71	111	389	780	1,248	693	432	104	56
North Carolina.	Piece..	5	24	120.0	88.5	23.63	17.25	4	1	5	5	7	2	3	2	---	3	---	2	2	---	1	5	1	4	1	---	---	---
	Time..	5	353	119.9	105.3	23.03	20.80	17	15	32	90	164	35	17	5	4	7	17	15	19	26	94	53	35	37	14	7	3	---
	Total..	5	377	119.9	104.2	23.07	20.58	21	16	37	95	171	37	20	7	4	10	17	17	21	26	95	58	36	41	15	7	3	---
Pennsylvania...	Time..	3	156	109.8	96.3	29.06	25.75	14	8	14	22	61	37	10	2	2	3	4	---	13	16	12	10	19	41	16	4	3	1

All States.....	Piece..	10	253	108.5	81.8	30.67	23.74	28	28	33	71	90	3	19	6	2	9	9	13	11	4	18	34	47	47	31	3	.....	.....
	Time..	14	4,923	107.9	99.8	34.45	32.38	143	262	340	899	2,444	835	100	36	29	66	95	96	117	143	266	510	814	1,321	706	446	115	63
	Total..	14	5,176	107.9	98.9	34.27	31.96	171	290	373	970	2,534	838	119	42	31	75	104	109	128	147	284	544	861	1,368	737	449	115	

OTHER EMPLOYEES: Female.

Alabama.....	Piece..	1	5	98.0	68.4	\$14.03	\$10.55	1	2	1	1			1	1		1												
	Time..	2	69	118.0	91.2	15.80	12.59	8	4	7	28	22		8	1	2	3	9	5	8	7	24	1	2					
	Total..	2	74	116.7	89.6	15.68	12.45	8	5	9	29	23		8	2	3	3	10	5	9	7	24	3						
New Hampshire	Piece..	2	332	107.3	86.1	26.25	21.82	18	37	42	120	115		17	8	6	13	13	11	12	13	38	75	59	47	20			
	Time..	2	985	95.8	84.3	24.95	22.37	27	51	78	247	582		23	9	14	8	6	32	19	24	113	390	265	75	7			
	Total..	2	1,317	98.7	84.8	25.28	22.23	45	88	120	367	697		40	17	20	21	19	43	31	37	151	465	324	122	27			
North Carolina	Piece..	4	10	120.0	110.5	16.99	15.72		1	4	5			4	1	2	3	1	1	3	1	3			1				
	Time..	5	61	116.0	97.4	15.68	13.56	3	2	10	20	26		4	1	2	3	5	8	8	8	18	3	1					
	Total..	5	71	116.6	99.3	15.87	13.72	3	2	11	24	31		4	1	2	3	6	9	11	9	21	3	1	1				
Pennsylvania...	Piece..	1	14	108.0	96.7	25.49	22.02	1			5	8						1			1	3	7	1	1				
	Time..	3	38	107.5	80.0	19.51	13.94	6	2	5	10	15		5		1	2		4	6	5	6	9						
	Total..	3	52	107.6	84.3	21.12	16.11	7	2	5	15	23		5		1	2	1	4	6	6	9	16	1	1				
Other States....	Piece..	1	3	110.0	89.0	8.58	6.82				3						3												
	Time..	1	8	120.0	57.6	17.78	8.57	1	3	4				1	1	1	1	1		2	1								
	Total..	1	11	117.3	66.2	15.18	8.09	1	3	4	3			1	1	1	4	1		2	1								
AllStates.....	Piece..	9	364	107.5	86.9	25.65	21.38	19	38	45	133	129		17	9	7	16	16	12	16	15	44	83	60	49	20			
	Time..	13	1,161	98.7	85.1	23.70	20.95	45	62	104	305	645		41	12	20	17	21	49	43	45	161	404	266	75	7			
	Total..	13	1,525	100.8	85.5	24.16	21.05	64	100	149	438	774		58	21	27	33	37	61	59	60	205	487	326	124	27			

TABLE E.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1911 TO 1918.

## FINISHING.

[In this table the figures opposite each group of years are for identical establishments. When a second line is shown for 1918 it contains all data obtained for 1918, whether or not comparable data for 1916 were available.]

Occupation, sex, and number of establishments	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—													
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.
Laborers, bleach house, male: 19 establishments	1911	688	57.5	\$0.133	\$7.63	-----	-----	364	128	196	-----	-----	40	107	283	206	32	11	8	1	-----	-----	-----	-----	
	1912	748	57.2	.137	7.82	-----	-----	404	187	157	-----	-----	36	57	323	244	64	10	14	-----	-----	-----	-----		
	1912	714	57.7	.137	7.88	-----	-----	318	187	209	-----	-----	26	51	327	234	54	10	12	-----	-----	-----	-----		
	1913	787	57.7	.142	8.20	-----	-----	325	232	230	-----	-----	11	60	315	279	75	14	32	1	-----	-----	-----		
	1913	801	57.4	.142	8.17	-----	-----	373	198	230	-----	-----	4	54	331	285	73	21	33	-----	-----	-----	-----		
	1914	785	56.2	.143	8.05	3	-----	456	158	168	-----	-----	3	49	304	303	92	23	11	-----	-----	-----	-----		
	1914	920	56.0	.146	8.19	3	-----	591	158	168	-----	-----	3	49	311	376	128	36	17	-----	-----	-----	-----		
	1916	867	55.7	.175	9.76	3	3	630	164	64	6	-----	-----	14	37	154	260	281	119	1	1	-----	-----		
	1916	959	55.8	.176	9.83	3	3	678	164	108	6	-----	-----	14	37	156	312	305	133	1	1	-----	-----		
	1918	892	54.7	.263	14.39	72	-----	654	85	62	19	-----	-----	1	-----	-----	4	33	236	433	129	6	-----	-----	
Laborers, dyehouse, male: 30 establishments	1911	1,229	57.7	.144	8.32	-----	-----	415	575	230	9	-----	5	56	369	577	202	13	7	-----	-----	-----	-----		
	1912	1,268	57.2	.153	8.75	-----	-----	419	649	200	-----	-----	-----	40	157	550	486	25	10	-----	-----	-----	-----		
	1912	1,179	57.4	.154	8.83	-----	-----	335	649	195	-----	-----	-----	24	160	497	465	22	11	-----	-----	-----	-----		
	1913	1,120	57.4	.153	8.77	-----	-----	339	575	206	-----	-----	3	27	210	408	443	25	4	-----	-----	-----	-----		
	1913	1,167	57.5	.149	8.56	-----	-----	333	513	321	-----	-----	3	99	206	408	429	21	1	-----	-----	-----	-----		
	1914	1,267	56.1	.153	8.55	2	-----	822	154	289	6	-----	11	99	206	437	403	96	7	2	-----	-----	-----		
	1914	1,275	56.0	.153	8.57	2	-----	858	154	261	6	-----	8	97	195	427	438	95	7	2	-----	-----	-----		
	1916	1,214	56.3	.174	9.76	-----	-----	787	156	239	32	9	4	105	50	135	240	427	248	2	-----	-----	-----		



34 establishments	1916	1,194	56.7	.173	9.76	.....	.....	707	156	287	44	9	4	105	84	117	202	429	242	2	.....	.....	.....
	1918	1,450	56.0	.273	15.17	2	.....	972	145	331	.....	.....	.....	1	26	47	36	31	283	606	386	34	.....
Laborers, color mix-																							
ing, male:																							
12 establishments	1911	263	57.7	.146	8.45	.....	.....	106	90	67	.....	.....	.....	1	79	140	33	7	3	.....	.....	.....	.....
	1912	270	57.4	.147	8.45	.....	.....	103	103	64	.....	.....	.....	3	72	152	32	9	2	.....	.....	.....	.....
12 establishments	1912	243	58.4	.145	8.46	.....	.....	43	103	97	.....	.....	.....	3	84	130	16	8	2	.....	.....	.....	.....
	1913	246	58.6	.149	8.73	.....	.....	36	106	104	.....	.....	.....	1	62	139	28	12	4	.....	.....	.....	.....
12 establishments	1913	288	57.5	.151	8.67	.....	.....	105	79	104	.....	.....	.....	1	60	171	40	12	4	.....	.....	.....	.....
	1914	317	56.8	.153	8.66	.....	.....	151	92	70	4	.....	1	2	45	200	52	10	7	.....	.....	.....	.....
11 establishments	1914	295	56.5	.152	8.61	.....	.....	151	92	48	4	.....	1	1	45	51	10	5	.....	.....	.....	.....	.....
	1916	255	56.2	.178	9.99	.....	.....	148	60	47	.....	.....	.....	.....	2	40	76	103	34	.....	.....	.....	.....
13 establishments	1916	281	56.5	.181	10.22	.....	.....	149	60	72	.....	.....	.....	.....	2	40	77	104	58	.....	.....	.....	.....
	1918	277	55.5	.276	15.30	.....	.....	211	31	34	1	.....	.....	.....	.....	.....	.....	53	163	59	1	1	.....
Engravers, male:																							
12 establishments	1911	179	55.8	.479	26.68	.....	32	72	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	114	54	2
	1912	166	55.4	.483	26.75	.....	29	67	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	94	64	2
11 establishments	1912	123	55.8	.488	27.20	.....	29	23	70	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	78	42	2
	1913	107	55.9	.484	27.01	.....	33	19	37	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	70	32	2
11 establishments	1913	124	54.9	.482	26.41	.....	33	59	14	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	64	47	2
	1914	123	53.0	.510	27.01	.....	63	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	39	81	.....
10 establishments	1914	118	53.0	.511	27.05	.....	58	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	37	78	2
	1916	107	53.1	.526	27.89	1	49	57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	26	73	6
11 establishments	1916	122	53.3	.533	28.42	1	49	72	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	26	82	12
	1918	115	53.2	.711	37.78	1	53	60	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	6	6	104
Printers, male:																							
12 establishments	1911	156	56.9	.489	27.79	.....	.....	86	57	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	5	13	123
	1912	164	56.7	.487	27.54	.....	.....	88	62	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	9	13	124
12 establishments	1912	137	57.4	.472	27.04	.....	.....	52	66	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	9	22	88
	1913	133	57.1	.470	26.78	.....	.....	56	64	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	17	8	93
12 establishments	1913	147	56.3	.479	26.85	.....	.....	89	45	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	17	8	107
	1914	159	55.5	.518	28.57	.....	.....	114	44	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	16	6	119
11 establishments	1914	152	55.5	.516	28.51	.....	.....	107	44	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	16	8	112
	1916	155	55.2	.548	30.11	.....	.....	123	29	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	20	5	67
13 establishments	1916	176	55.1	.553	30.34	.....	.....	144	29	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	20	5	79
	1918	142	54.5	.797	43.38	.....	.....	142	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	8	131

TABLE E.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1911 TO 1918—Concluded.

## FINISHING—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—													
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.
Calender tenders, male:																									
20 establishments	1911	412	57.9	\$0.149	\$8.61	.....	.....	.....	118	201	93	.....	.....	.....	17	79	213	100	2	1	.....	.....	.....	.....	.....
	1912	409	57.8	.151	8.73	.....	.....	.....	123	201	85	.....	.....	.....	28	58	180	128	12	3	.....	.....	.....	.....	.....
20 establishments	1912	422	58.1	.150	8.72	.....	.....	.....	101	201	120	.....	.....	.....	29	65	195	124	5	4	.....	.....	.....	.....	.....
	1913	395	57.8	.153	8.85	.....	.....	.....	110	193	92	.....	.....	.....	.....	60	204	114	15	2	.....	.....	.....	.....	.....
10 establishments	1913	344	57.7	.156	8.98	.....	.....	.....	115	137	92	.....	.....	.....	.....	36	172	112	22	2	.....	.....	.....	.....	.....
	1914	359	56.7	.161	9.12	.....	.....	.....	185	61	113	.....	.....	.....	.....	34	101	185	28	10	1	.....	.....	.....	.....
10 establishments	1914	359	56.7	.161	9.12	.....	.....	.....	185	61	113	.....	.....	.....	.....	34	101	185	28	10	1	.....	.....	.....	.....
	1916	326	55.9	.192	10.73	.....	.....	.....	225	58	43	.....	.....	.....	.....	13	15	66	108	115	7	2	.....	.....	.....
23 establishments	1916	363	56.0	.195	10.88	.....	.....	.....	246	58	59	.....	.....	.....	.....	13	15	66	114	146	7	2	.....	.....	.....
	1918	308	55.3	.279	15.40	.....	.....	.....	255	36	17	.....	.....	.....	.....	.....	.....	1	.....	70	145	88	4	.....	.....
Folders, male:																									
19 establishments	1911	268	57.4	.230	13.16	.....	.....	.....	158	38	72	.....	.....	.....	.....	2	28	13	46	94	58	27	.....	.....	.....
	1912	277	57.2	.246	14.06	.....	.....	.....	150	68	59	.....	.....	.....	.....	.....	28	7	27	65	108	36	4	2	.....
19 establishments	1912	276	57.7	.243	13.99	.....	.....	.....	120	68	88	.....	.....	.....	.....	.....	28	7	26	82	91	36	4	2	.....
	1913	250	57.1	.250	14.20	.....	.....	.....	145	34	71	.....	.....	.....	.....	.....	.....	11	12	95	99	33	.....	.....	.....
19 establishments	1913	266	56.8	.247	13.95	.....	.....	.....	167	28	71	.....	.....	.....	.....	.....	.....	11	12	111	99	33	.....	.....	.....
	1914	255	56.0	.273	15.18	.....	.....	.....	168	22	65	.....	.....	.....	.....	.....	3	8	9	61	70	99	5	.....	.....
20 establishments	1914	260	55.7	.272	15.05	.....	.....	.....	189	22	49	.....	.....	.....	.....	.....	3	8	9	66	70	99	5	.....	.....
	1916	300	54.8	.306	16.72	.....	.....	.....	271	20	9	.....	.....	.....	.....	.....	4	1	4	74	34	166	16	1	.....
24 establishments	1916	361	54.9	.303	16.57	.....	.....	.....	327	20	14	.....	.....	.....	.....	.....	4	2	4	87	50	197	16	1	.....
	1918	360	54.3	.427	23.14	.....	.....	.....	356	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	18	27	93	173	28	21



**TABLE F.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN EACH STATE, BY YEARS, 1916 AND 1918.**

[In this table the figures for both years are for identical establishments.]

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—													
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.
LABORERS, BLEACH HOUSE: Male.																									
Connecticut: 2 establishments.....	1916 1918	55 81	60.0 56.6	\$0.175 .259	\$10.50 14.64	..... 11	.....	.....	..... 27	.....	55 41	..... 2	.....	.....	.....	.....	1 .....	21 .....	31 .....	..... 2	..... 14	..... 67	.....	.....	.....
Massachusetts: 5 establishments.....	1916 1918	282 322	55.7 54.3	.168 .254	9.35 13.75	..... 59	8 .....	.....	154 164	124 85	1 .....	..... 14	.....	.....	28 .....	97 .....	54 29	81 116	22 .....	..... 138	..... 39	.....	.....	.....	.....
New Hampshire: 3 establishments.....	1916 1918	159 99	55.0 54.0	.193 .284	10.59 15.33	.....	.....	.....	159 99	.....	.....	.....	.....	.....	.....	.....	2 .....	23 .....	83 8	..... 50	..... 81	..... 10	.....	.....	.....
New Jersey: 2 establishments.....	1916 1918	45 32	57.7 56.7	.180 .245	10.33 13.62	.....	.....	.....	26 32	.....	19 .....	.....	.....	.....	1 .....	3 .....	7 .....	6 23	..... 5	..... 32	.....	.....	.....	.....	.....
New York: 3 establishments.....	1916 1918	90 85	54.8 54.8	.184 .247	10.08 13.52	.....	.....	.....	90 85	.....	.....	.....	.....	.....	.....	.....	51 .....	26 2	13 37	..... 42	..... 4	.....	.....	.....	.....
Rhode Island: 7 establishments.....	1916 1918	255 218	54.7 54.4	.173 .271	9.50 14.73	..... 2	.....	.....	249 213	.....	.....	6 3	.....	.....	13 .....	6 .....	36 .....	109 1	54 2	36 69	1 97	..... 46	..... 3	.....	.....
Other States: 2 establishments.....	1916 1918	73 55	58.9 56.3	.170 .296	10.00 16.50	.....	.....	.....	..... 34	40 .....	33 21	.....	.....	.....	.....	.....	13 .....	48 3	7 .....	5 10	..... 8	..... 30	..... 3	.....	.....
Total: 24 establishments.....	1916 1918	959 892	55.8 54.7	.176 .263	9.83 14.39	..... 72	3 .....	.....	678 654	164 85	108 62	6 19	.....	.....	14 .....	37 .....	156 .....	312 4	305 33	133 286	1 433	1 129	..... 6	.....	.....



## GENERAL TABLES.

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Connecticut: 2 establishments.....	1916 1918	37 30	60.0 58.5	\$0.183 .278	\$10.98 16.24	..... 9	..... 21	..... 1	..... 2	..... 29	..... 5	..... 22	..... 8	..... .....	..... .....	
Massachusetts: 3 establishments.....	1916 1918	130 145	55.8 55.0	.176 .273	9.81 14.99	..... 70 114	..... 60 31	..... .....	..... .....	..... 21	..... 47	..... 48	..... 14 19	..... 112	..... 14	
Rhode Island: 4 establishments.....	1916 1918	53 51	54.2 54.1	.179 .271	9.67 14.67	..... 53 51	..... .....	..... .....	..... .....	..... 13	..... 12	..... 19	..... 9 16	..... 22	..... 13	
Other States: 4 establishments.....	1916 1918	61 51	57.9 56.4	.193 .288	11.14 16.25	..... 26 37	..... 35 13	..... 1	..... .....	..... 2	..... 5	..... 16	..... 8	..... 30 18	..... 7 24	..... 1 1
Total: 13 establishments.....	1916 1918	281 277	56.5 55.5	.181 .276	10.22 15.30	..... 149 211	..... 60 31	..... 72 34	..... 1	..... 2	..... 40	..... 77	..... 104	..... 58 53	..... 163 59	..... 1 1

TABLE F.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—														
						Under 48.	48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.	
ENGRAVERS: Male.																										
Massachusetts: 3 establishments.....	1916	68	53.1	\$0.526	\$27.88	1		30	37													2	16	46	4	
	1918	52	53.2	.738	39.20	1		16	35																52	
Rhode Island: 4 establishments.....	1916	19	54.5	.509	27.70				19														8	11		
	1918	21	54.0	.720	38.75			10	10	1												2			19	
Other States: 4 establishments.....	1916	35	53.1	.561	29.85			19	16														2	25	8	
	1918	42	52.7	.673	35.53			27	15													3	6		33	
Total: 11 establishments.....	1916	122	53.3	.533	28.42	1		49	72													2	26	82	12	
	1918	115	53.2	.711	37.78	1		53	60	1												5	6		104	
PRINTERS: Male.																										
Connecticut: 2 establishments.....	1916	18	54.0	\$0.628	\$33.89				18															5	13	
	1918	18	54.0	.797	43.07				18															1	17	
Massachusetts: 3 establishments.....	1916	82	55.6	.515	28.41				53	29											4	19	3	15	41	
	1918	69	54.2	.833	45.19				69														1	4	64	
Rhode Island: 4 establishments.....	1916	37	54.5	.589	32.05				37															33	4	
	1918	28	54.7	.803	43.93				28															1	27	
Other States: 4 establishments.....	1916	39	55.4	.563	31.14				36	3											1	1	2	26	9	
	1918	27	55.0	.698	38.40				27													1	1	2	23	
Total: 13 establishments.....	1916	176	55.1	.553	30.34				144	29	3											5	20	5	79	67
	1918	142	54.5	.797	43.38				142														1	2	8	131

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## GENERAL TABLES.

Massachusetts: 6 establishments .....	1916 1918	91 100	54.6 54.0	\$0.299 .409	\$16.26 22.07			77 100	14					4	2	3	27 17	3 3	45 28	7 27				
New Hampshire: 2 establishments .....	1916 1918	36 42	55.0 54.0	.259 .374	14.22 20.17			36 42									19 1	11 4	6 20					
New York: 3 establishments .....	1916 1918	54 43	54.8 54.9	.315 .421	17.29 23.10			54 43									1 5		48 18					
Rhode Island: 7 establishments .....	1916 1918	123 126	54.0 54.0	.334 .487	18.02 26.30			123 126									12 6	6	95 6	9 101	1 15			
Other States: 6 establishments .....	1916 1918	57 49	57.2 55.4	.253 .353	14.75 19.76			37 45	6	14 4						1	28 20	25 20	3 21					
Total: 24 establishments .....	1916 1918	361 360	54.9 54.3	.303 .427	16.57 23.14			327 356	20	14 4				4	2	4	87 18	50 27	197 93	16 173	1 28			

TABLE F.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN EACH STATE, BY YEARS, 1916 AND 1918—Concluded.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—															
						Under 48.	Over 48 and under 54.	54 and under 57.	57 and under 60.	60.	Over 60.	Under 8 cts.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.			
KNOTTERS: Female.																											
Massachusetts: 5 establishments.....	1916 1918	105 94	54.0 54.0	\$0.144 .207	\$7.75 11.17				105 94						4	33	65	3 30		2	62						
New York: 3 establishments.....	1916 1918	53 51	54.0 54.0	.140 .190	7.56 10.26				53 51							46		2 20	1 22	3 1	1 8						
Rhode Island: 7 establishments.....	1916 1918	127 84	54.0 53.2	.143 .216	7.74 11.51				127 77						30	61	5 7	11 17	7 18	12 19	1 15		8				
Other States: 8 establishments.....	1916 1918	66 63	55.9 54.6	.128 .212	7.17 11.57				49 63	8	9				25	25 5	6	9 4	1 18		26	7	3				
Total: 23 establishments.....	1916 1918	351 292	54.4 53.9	.140 .208	7.61 11.19				334 285	8	9				59	165 5	76 7	25 71	9 60	15 108	2 30		11				
OTHER EMPLOYEES: Male.																											
Connecticut: 2 establishments.....	1916 1918	746 760	59.8 57.9	\$0.198 .290	\$11.83 16.76		24	1	42 328	42 89	612 301	25 24				4	15	187	340 1	107 40	40 555	45 94	5 66	2 4			
Massachusetts: 6 establishments.....	1916 1918	2,821 3,046	55.8 55.8	.197 .282	10.94 15.68	20 34		35 43	1,738 2,033	956 661	11 165	61 108		7 1	29	280 5	452 12	598 49	628 58	464 765	164 1,384	135 537	23 190	15 29	26 16		
New Hampshire: 3 establishments.....	1916 1918	404 408	55.8 54.9	.217 .334	12.14 18.30				382 393		1 1	21 14				2	22	108	41 1	158 21	38 120	29 205	3 44	1 13			



GENERAL TABLES.

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Connecticut: 2 establishments.....	1916 1918	121 144	55.0 54.7	\$0.142 .219	\$7.80 11.96					121 140								43 63	14			1 93	14	1			
Massachusetts: 4 establishments.....	1916 1918	702 786	53.5 53.7	.160 .238	8.55 12.77	34 23		21 21		647 742							54 21	230 23	145 48	93 67	56 395	105 112	18 115	1 4	1 1		
New Jersey: 2 establishments.....	1916 1918	73 86	56.9 55.7	.125 .183	7.10 10.22					57 85			16				19 7	50 4	1 34	1 25	1 15				1 1		
New York: 3 establishments.....	1916 1918	455 398	54.0 54.0	.159 .209	8.61 11.27					455 398				2 5	2 5	24 1	150 11	101 21	55 47	57 120	53 112	11 51		22 3			
Rhode Island: 7 establishments.....	1916 1918	585 529	54.0 54.0	.169 .257	9.15 13.86					585 524						4 25	120 172	172 3	77 81	53 81	98 199	30 107	5 117		10 5		
Other States: 3 establishments.....	1916 1918	252 230	55.8 53.9	.155 .252	8.66 13.58	2 ...		21 10		98 220	131				2 ...	34 ...	73 14	52 19	27 50	18 14	43 46	3 12	55	18 36	1 7		1
Total: 21 establishments.....	1916 1918	2,188 2,173	54.2 54.0	.159 .235	8.64 12.69	36 33		42 31		1,963 2,109	131	16		3 5	8 5	156 1	666 53	534 70	267 186	185 343	301 860	62 296	6 310		36 7		1

TABLE G.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918.

FINISHING.

State.	Piece work- ers or time work- ers.	Num- ber of estab- lish- ments.	Num- ber of emp- loy- ees.	Aver- age full- time hours per week.	Aver- age earn- ings per hour.	Aver- age full- time weekly earn- ings.	Employees whose full-time hours per week were—							Employees whose earnings per hour were—										
							Under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.

LABORERS, BLEACH HOUSE: Male.

Connecticut.....	Time..	2	81	56.6	\$0.259	\$14.64	11	.....	.....	27	.....	41	2	.....	.....	.....	.....	.....	14	67	.....	.....	.....	.....
Massachusetts.....	Time..	5	322	54.3	.254	13.75	59	.....	150	14	85	.....	14	.....	.....	.....	.....	29	116	138	39	.....	.....	.....
New Hampshire.....	Piece..	1	1	54.0	.322	17.39	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	81	1	.....	.....	.....
	Time..	3	98	54.0	.284	15.31	.....	.....	98	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....	.....
	Total..	3	99	54.0	.284	15.33	.....	.....	99	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	81	10	.....	.....	.....
New Jersey.....	Time..	2	32	55.7	.245	13.62	.....	.....	.....	32	.....	.....	.....	.....	.....	.....	.....	.....	32	.....	.....	.....	.....	.....
New York.....	Time..	3	85	54.8	.247	13.52	.....	.....	17	68	.....	.....	.....	.....	.....	.....	.....	2	37	42	4	.....	.....	.....
Rhode Island.....	Time..	7	218	54.4	.271	14.73	2	.....	190	23	.....	3	.....	.....	.....	.....	1	2	69	97	46	3	.....	.....
Other States.....	Time..	2	55	56.3	.296	16.50	.....	.....	34	.....	21	.....	1	.....	.....	.....	3	.....	10	8	30	3	.....	.....
All States.....	Piece..	1	1	54.0	.322	17.39	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	Time..	24	891	54.7	.263	14.39	72	.....	489	164	85	62	19	1	.....	.....	4	33	286	433	128	6	.....	.....
	Total..	24	892	54.7	.263	14.39	72	.....	490	164	85	62	19	1	.....	.....	4	33	286	433	129	6	.....	.....

LABORERS, DYEHOUSE: Male.

Connecticut.....	Time..	3	95	57.3	\$0.263	\$15.06	.....	.....	.....	52	.....	43	.....	.....	.....	.....	.....	.....	1	92	2	.....	.....	.....
Massachusetts.....	Time..	9	481	55.4	.272	15.02	2	.....	265	69	145	.....	.....	.....	.....	.....	.....	.....	169	187	125	.....	.....	.....
New Hampshire.....	Piece..	1	58	54.2	.400	21.66	.....	.....	48	10	.....	.....	.....	.....	.....	.....	.....	.....	1	1	25	31	.....	.....
	Time..	3	381	54.9	.304	16.70	.....	.....	321	.....	60	.....	.....	.....	.....	.....	.....	.....	.....	211	170	.....	.....	.....
	Total..	3	439	54.8	.317	17.35	.....	.....	369	10	.....	60	.....	.....	.....	.....	.....	.....	1	212	195	31	.....	.....

New Jersey.....	Piece..	1	2	56.0	.282	15.79				2								2				
	Time..	2	59	55.8	.254	14.17				59								30	29			
	Total..	2	61	55.8	.255	14.22				61								30	31			
North Carolina.....	Piece..	2	5	60.0	.275	16.52				5								5				
	Time..	8	169	60.0	.185	11.11				169			6	31	30	28	73	73	1			
	Total..	8	174	60.0	.188	11.27				174			6	31	30	28	73	5	1			
Rhode Island.....	Time..	4	113	54.0	.288	15.57			113						1		6	67	39			
Other States.....	Time..	6	91	57.6	.231	13.09			32	5		54		1	20	16	5	6	12	25	3	
All States.....	Piece..	4	65	54.7	.386	21.09			48	12		5					1	8	25	31		
	Time..	35	1,389	56.0	.267	14.89	2		731	185	145	326		1	26	47	36	31	285	598	362	3
	Total..	35	1,454	56.0	.273	15.17	2		779	197	145	331		1	26	47	36	31	286	606	387	34

**LABORERS, COLOR MIXING: Male.**

Connecticut.....	Time..	2	30	58.5	\$0.278	\$16.24				9	21						22	8		
Massachusetts.....	Time..	3	145	55.0	.273	14.99			89	25	31						19	112	14	
Rhode Island.....	Time..	4	51	54.1	.271	14.67			48	3							16	22	13	
Other States.....	Time..	4	51	56.4	.288	16.25			1	36	13	1					18	7	24	1
	Total..	13	277	55.5	.276	15.30			138	73	31	34	1				53	163	59	1

**ENGRAVERS:** Male.

[illegible]

**PRINTERS:** Male.

[illegible]

TABLE G.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.

## FINISHING—Continued.

State.	Piece work- ers or time work- ers.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Aver- age full- time hours per week.	Aver- age earn- ings per hour.	Aver- age full- time weekly earn- ings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—									
							Un- der 51.	51 and under 54.	54.	Over 54 and under 57.	57 and un- der 60.	60.	Over 60.	8 and un- der 10 cts.	10 and un- der 12 cts.	12 and un- der 14 cts.	14 and un- der 16 cts.	16 and un- der 18 cts.	18 and un- der 20 cts.	20 and un- der 25 cts.	25 and un- der 30 cts.	30 and un- der 40 cts.

## CALENDER TENDERS: Male.

Connecticut.....	Time..	2	32	57.0	\$0.270	\$15.38				19		13									32			
Massachusetts.....	Time..	6	86	55.8	.264	14.66			43	7	36						1		30		25	30		
New Jersey.....	Time..	2	51	55.6	.252	14.00				51									31		20			
New York.....	Piece..	2	10	54.5	.313	17.05			5	5									1		2	7		
	Time..	3	24	54.6	.282	15.42			10	14									7		5	11	1	
	Total..	3	34	54.6	.291	15.90			15	19									8		7	18	1	
Rhode Island.....	Time..	7	81	54.2	.300	16.27			73	8									1		52	27	1	
Other States.....	Time..	4	27	54.9	.312	17.10			23			4									9	16	2	
All States.....	Piece..	2	10	54.5	.313	17.05			5	5									1		2	7		
	Time..	24	301	55.3	.278	15.34			149	99	36	17					1		69		143	84	4	
	Total..	24	311	55.3	.279	15.39			154	104	36	17					1		70		145	91	4	

## FOLDERS: Male.

Massachusetts.....	Piece..	2	45	54.0	\$0.529	\$28.59	.....	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.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New Hampshire.....	Piece..	1	0	54.0	.400	21.58			10									1	4	5	5		
	Time..	2	32	54.0	.365	19.73			32											15	12		
	Total..	2	42	54.0	.374	20.17			42									1	4	20	17		
New York.....	Piece..	1	6	54.0	.444	23.95			6											1	4	1	
	Time..	2	37	55.0	.418	22.97			37											17	20		
	Total..	3	43	54.9	.421	23.10			6	37										18	24	1	
Rhode Island.....	Time..	7	126	54.0	.487	26.30			126											6	101	15	4
Other States.....	Piece..	1	9	54.0	.502	27.11			9									1		4	2	2	
	Time..	5	40	55.8	.325	18.11			36	4								19	21				
	Total..	6	49	55.4	.358	19.76			9	36	4							20	21	4	2	2	
All States.....	Piece..	5	70	54.0	.500	27.00			70									1	10	29	13	17	
	Time..	22	290	54.4	.409	22.21			213	73	4							18	26	83	144	15	4
	Total..	24	360	54.3	.427	23.14			283	73	4							18	27	93	173	28	21

## KNOTTERS: Female.

Massachusetts.....	Piece..	1	11	54.0	\$0.207	\$11.16			11								2	1	8			
	Time..	5	83	54.0	.207	11.17			83								28	1	54			
New York.....	Piece..	5	94	54.0	.207	11.17			94								30	2	62			
	Time..	1	9	54.0	.266	14.36			9								20	22	1	8		
Rhode Island.....	Piece..	2	51	54.0	.190	10.26			51								20	22	1	8		
	Time..	1	3	54.0	.259	13.97			3								7	17	18	19	12	8
Other States.....	Piece..	6	81	53.1	.214	11.42	7		74								7	17	18	19	12	8
	Time..	7	84	53.2	.216	11.51	7		77								7	17	18	19	15	8
All States.....	Piece..	2	13	54.0	.254	13.69			13										8	4	1	
	Time..	8	50	54.7	.201	11.02			24	26							5	4	18	18	3	2
Total..	Piece..	8	63	54.6	.212	11.57			37	26							5	4	18	26	7	3
	Time..	5	36	54.0	.243	13.11			36													
Total..	Piece..	21	256	53.9	.203	10.92	7		223	26							5	7	69	59	17	15
	Time..	23	292	53.9	.208	11.19	7		259	26							5	7	71	60	108	30

TABLE G.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Concluded.

## FINISHING—Concluded.

State.	Piece work- ers or time work- ers.	Number of estab- lish- ments.	Number of em- ploy- ees.	Aver- age full- time hours per week.	Aver- age earn- ings per hour.	Aver- age full- time weekly earn- ings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—												
							Under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.	8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.

## OTHER EMPLOYEES: Male.

Connecticut.....	Time..	2	760	57.9	\$0.290	\$16.76	15	3	1	327	89	301	24					1	40	555	94	66	4		
Massachusetts.....	Piece..	3	30	54.0	.319	17.25			30									4	9	13	3	1			
	Time..	6	3,016	55.8	.281	15.66	36	43	1,775	228	661	165	108		1	5	12	49	58	761	1,375	524	187	28	16
	Total..	6	3,046	55.8	.282	15.68	36	43	1,805	228	661	165	108		1	5	12	49	58	765	1,384	537	190	29	16
New Hampshire.....	Piece..	1	4	54.0	.376	20.29			4												3	1			
	Time..	3	404	54.9	.333	18.28			388	1		1	14						1	21	120	202	43	13	4
	Total..	3	408	54.9	.334	18.30			392	1		1	14						1	21	120	205	44	13	4
New Jersey.....	Piece..	2	4	55.8	.258	14.40				4									2	2					
	Time..	2	361	56.7	.270	15.32	9			331			21				2	19	4	182	69	61	20	4	
	Total..	2	365	56.7	.270	15.31	9			335			21				2	19	4	184	71	61	20	4	
New York.....	Piece..	3	44	54.6	.317	17.29			19	25							2	3	7	11	11	7	2	1	
	Time..	3	988	55.6	.300	16.67			176	758		21	33				2	4	17	248	314	293	73	24	13
	Total..	3	1,032	55.6	.301	16.70			195	783		21	33				2	6	20	255	325	304	80	26	14
Rhode Island.....	Piece..	4	18	54.1	.392	21.23			17	1									2	10	3	3			
	Time..	7	2,259	55.2	.329	18.19	38	27	1,927	96	2	64	105		1	1	10	44	214	837	723	279	111	39	
	Total..	7	2,277	55.2	.330	18.21	38	27	1,944	97	2	64	105		1	1	10	44	214	839	733	282	114	39	

Other States.....	Piece..	1	4	60.0	.295	17.72					4							2	2					
	Time..	2	600	57.7	.307	17.57		6	320		249	25			3	5	11	15	106	184	194	62	20	
	Total..	2	604	57.7	.307	17.57		6	320		253	25			3	5	11	15	106	186	196	62	20	
All States.....	Piece..	14	104	54.6	.330	17.98			70	30	4						2	3	13	26	39	14	6	
	Time..	25	8,388	55.9	.301	16.81	98	79	4,587	1,741	752	801	330		1	9	22	93	140	1,572	3,454	2,091	730	204
	Total..	25	8,492	55.9	.302	16.82	98	79	4,657	1,771	752	805	330		1	9	22	95	143	1,585	3,480	2,130	744	210

## OTHER EMPLOYEES: Female.

Connecticut.....	Time..	2	144	54.7	\$0.219	\$11.96	4			140								36	93	14	1		
Massachusetts.....	Piece..	3	213	53.7	.292	15.71	7		206									2	52	65	89	4	1
	Time..	5	614	53.7	.220	11.80	16	21	577						21	23	48	65	373	52	32		
	Total..	5	827	53.7	.238	12.80	23	21	783						21	23	48	67	425	117	121	4	1
New Jersey.....	Piece..	1	5	55.0	.198	10.89				5						1	1		3				
	Time..	2	81	55.7	.183	10.17	1			80					7	3	33	25	12			1	
	Total..	2	86	55.7	.183	10.22	1			85					7	4	34	25	15			1	
New York.....	Piece..	2	216	54.0	.216	11.68			216					110	1	11	21	30	18	59	43	21	2
	Time..	3	182	54.0	.200	10.79			182								17	102	53	8	1	1	
	Total..	3	398	54.0	.209	11.27			398					110	1	11	21	47	120	112	51	22	3
Rhode Island.....	Piece..	4	74	54.0	.306	16.54			74									2	7	30	27	8	
	Time..	7	455	54.0	.249	13.42	5		434	16						3	7	79	192	77	90	2	5
	Total..	7	529	54.0	.257	13.86	5		508	16						3	7	81	199	107	117	10	5
Other States.....	Piece..	1	1	54.0	.224	12.10			1										1				
	Time..	4	233	53.8	.252	13.57	3	10	220							14	19	50	14	47	14	55	18
	Total..	4	234	53.8	.252	13.56	3	10	221							14	19	50	14	48	14	55	18
All States.....	Piece..	11	509	53.9	.261	14.07	7		497	5				110	1	11	22	31	22	122	138	137	14
	Time..	23	1,709	54.0	.228	12.30	29	31	1,413	236						42	48	155	321	770	165	179	22
	Total..	23	2,218	54.0	.235	12.71	36	31	1,910	241				110	1	53	70	186	343	892	303	316	36

<sup>1</sup> Including 5 employees whose wages were under 8 cents.

**TABLE H.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS. BY STATES, 1918.**

## FINISHING.

## ONE-WEEK PAY ROLLS.

State.	Piece workers or time workers.	Number of estab- lish- ments	Number of em- ploy- ees.	Aver- age full- time hours per week of estab- lish- ments.	Aver- age hours work- ed per em- ploy- ee dur- ing one week.	Aver- age full- time week- ly earn- ings.	Aver- age amount earned per em- ployee during one week.	Employees working each classified per cent of full time during one week.							Employees earning each classified amount during one week.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and over.		

## LABORERS, BLEACH HOUSE: Male.

Connecticut.....	Time..	2	81	56.6	52.5	\$14.64	\$13.65	2	4	2	37	20	16	2	1	1	1	1	1	...	2	7	9	9	34	7	3	3	...	5
Massachusetts.....	Time..	5	322	54.3	55.0	13.75	14.10	5	4	13	47	72	181	5	1	2	3	...	7	25	25	9	13	37	81	76	19	14	...	5
New Jersey.....	Time..	2	32	55.7	54.4	13.62	13.35	...	1	...	13	1	17	...	...	1	...	...	...	...	...	...	...	...	15	1	1	...	...	...
New York.....	Time..	3	85	54.8	52.1	13.52	12.98	3	1	6	33	13	29	3	1	...	...	2	1	2	4	3	48	8	...	...	...	...	...	...
Rhode Island.....	Time..	7	218	54.4	50.9	14.73	14.18	10	15	15	64	26	88	11	2	5	2	4	4	5	9	19	18	37	35	22	13	18	...	14
Other States.....	Time..	2	83	54.0	56.9	16.64	17.47	1	...	1	4	30	47	...	1	...	...	...	...	...	...	...	1	4	14	33	10	19	...	1
Total..		21	821	54.6	53.5	14.36	14.27	21	25	37	198	162	378	21	6	8	7	5	14	31	39	43	50	138	187	145	48	59	...	20

## LABORERS, DYEHOUSE: Male.

Connecticut.....	Time..	3	95	57.3	57.6	\$15.06	\$15.19	5	5	3	20	12	50	5	...	1	...	1	3	1	...	1	3	6	27	23	18	6	...
Massachusetts.....	Time..	9	481	55.4	57.2	15.02	15.50	16	16	26	34	47	342	11	6	5	2	9	7	6	4	3	18	60	73	146	91	40	...
New Jersey.....	Piece..	1	2	56.0	56.0	15.79	15.79	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...
	Time..	2	59	55.8	52.2	14.17	13.33	...	5	4	9	13	28	...	3	1	1	...	...	3	1	...	6	7	33	3	...	1	...
	Total..	2	61	55.8	52.4	14.22	13.41	...	5	4	9	15	28	...	3	1	1	...	...	3	1	...	6	7	35	3	...	1	...



North Carolina.....	Piece..	1	2	60.0	60.0	15.57	15.55				2											1	1						
	Time..	2	30	60.0	54.0	15.52	10.96		1	4	7	16	2			1	1	2	1	1	4	2	18						
	Total..	2	32	60.0	54.4	15.52	11.25		1	4	7	18	2			1	1	2	1	1	4	2	18	1	1				
Rhode Island.....	Time..	4	113	54.0	61.2	15.57	17.73	1		3	12	7	90		1				1	1	1	1	16	20	19	20	29	4	
Other States.....	Piece..	1	58	54.2	49.7	21.66	20.13	3	2	1	5	45	2	2	1		1	1					1	2	2	14	21	13	
	Time..	5	64	56.2	53.8	14.27	13.73	1	3	5	11	21	23	2		1	5	4	9	4	1		3	8	7	12	6	2	
	Total..	5	122	55.3	51.8	17.79	16.77	4	5	6	16	66	25	4	1		2	5	5	9	4	1		4	10	9	26	27	15
All States.....	Piece..	3	62	54.4	50.2	21.28	19.84	3	2	1	5	49	2	2	1		1		1				1	5	3	14	21	13	
	Time..	25	842	55.7	57.1	15.00	15.32	23	30	45	93	116	535	18	10	7	5	16	16	21	11	10	30	110	161	198	141	82	6
	Total..	25	904	55.6	56.6	15.43	15.63	26	32	46	98	165	537	20	11	7	6	16	17	21	11	10	30	111	166	201	155	103	19

LABORERS, COLOR MIXING: Male.

Connecticut.....	Time..	2	30	58.5	61.3	\$16.24	\$17.20	---	1	2	4	1	22	---	---	1	---	2	---	1	9	4	4	8	1				
Massachusetts.....	Time..	3	145	55.0	63.2	14.99	17.26	1	1	5	7	2	129	1	---	1	---	1	2	2	2	11	15	39	52	19			
Rhode Island.....	Time..	4	51	54.1	60.0	14.67	16.28	---	---	1	11	2	37	1	---	---	---	1	---	2	3	22	8	11	4	---			
Other States.....	Time..	2	36	55.0	51.9	15.31	17.01	---	---	3	12	---	21	---	---	---	---	1	2	6	2	2	1	2	---	20	---		
	Total..	11	262	55.2	61.9	15.12	17.03	1	2	11	34	5	209	1	---	1	---	1	---	3	6	8	6	17	47	53	67	51	1

ENGRAVERS: Male.

Massachusetts.....	Time..	3	52	53.2	53.1	\$39.20	\$39.15				5	45	2															52
Rhode Island.....	Time..	4	21	54.0	58.0	38.75	41.53				4	3	14															21
Other States.....	Time..	3	30	53.3	55.2	37.75	38.92				16	6	8															30
	Total..	10	103	53.4	54.7	38.68	39.57				25	54	24															103

PRINTERS: Male.

Connecticut.....	Time..	2	18	54.0	56.6	\$43.07	\$45.24	1	1	2	14	1	16		
Massachusetts.....	Time..	3	69	54.2	59.4	45.19	49.44	1	68	69					
Rhode Island.....	Time..	4	28	54.7	55.0	43.93	44.13	24	4	28					
Other States.....	Time..	3	18	55.1	60.8	40.11	44.77	2	2	14	1	16			
	Total..	12	133	54.4	58.3	43.95	47.02	1	1	5	26	100	1	1	129

**TABLE H.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.**

## FINISHING—Continued.

## ONE-WEEK PAY ROLLS—Continued.

State.	Piece workers or time workers.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours worked per employee during one week.	Average full-time weekly earnings.	Average amount earned per employee during one week.	Employees working each classified per cent of full time during one week.							Employees earning each classified amount during one week.																	
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and over.			
CALENDER TENDERS: Male.																																
Connecticut.....	Time..	2	32	57.0	64.8	\$15.38	\$17.48	.....	1	1	3	2	25	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	4	9	12	4	.....	.....		
Massachusetts.....	Time..	6	86	55.8	58.1	14.66	15.41	2	1	2	26	9	46	2	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....		
New Jersey.....	Time..	2	51	55.6	52.8	14.00	13.34	.....	.....	1	42	2	6	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
New York.....	Piece..	2	10	54.5	63.1	17.05	19.82	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
	Time..	3	24	54.6	59.0	15.42	16.78	.....	.....	1	3	7	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	7	3	1	4	7	.....		
	Total..	3	34	54.6	60.2	15.90	17.67	.....	.....	1	3	7	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	8	3	3	6	11	.....		
Rhode Island.....	Time..	7	81	54.2	58.9	16.27	17.72	1	1	2	13	16	48	1	.....	1	.....	1	.....	.....	.....	1	1	.....	2	12	25	14	20	3		
Other States.....	Time..	1	12	54.0	54.8	17.51	17.82	.....	.....	.....	2	7	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	4	1	4	.....		
All States.....	Piece..	2	10	54.5	63.1	17.05	19.82	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
	Time..	21	286	55.3	58.1	15.26	16.14	3	3	7	89	43	141	3	.....	1	.....	2	1	2	3	5	26	39	59	49	45	47	.....	.....		
	Total..	21	296	55.2	58.2	15.32	16.26	3	3	7	89	43	151	3	.....	1	.....	2	1	2	3	5	26	40	59	51	47	51	.....	.....		

## FOLDERS: Male.

Massachusetts.....	Piece..	2	45	54.0	50.9	\$28.59	\$26.60		2	32	1	10							1		4		8	32
	Time..	6	55	54.0	54.6	16.73	16.65		3	14	26	12						2	2	4	18	10	9	10
	Total..	6	100	54.0	52.9	22.07	21.13		5	46	27	22						2	2	5	18	14	9	18
New York.....	Piece..	1	6	54.0	53.4	23.95	23.35			3		3										1	4	1
	Time..	2	37	55.0	54.1	22.97	22.45	1	1	2	2	17	14		1		1		1			2	14	18
	Total..	3	43	54.9	54.0	23.10	22.58	1	1	2	5	17	17		1		1		1			3	18	19
Rhode Island.....	Time..	7	126	54.0	52.2	26.30	25.43		2	2	39	65	18		1		1			1	1	4	43	75
Other States.....	Piece..	1	9	54.0	54.1	27.11	27.23			4	4	1							1			2	6	
	Time..	4	28	56.2	57.5	17.23	17.76		1	7	5	15					1		4	3	14		2	4
	Total..	5	37	55.7	56.7	19.63	20.06		1	11	9	16					1		5	3	14		4	10
All States.....	Piece..	4	60	54.0	51.6	27.91	26.37		2	39	5	14							2		4	1	14	39
	Time..	19	246	54.4	53.6	22.63	22.15	1	3	8	62	113	59		1	1	1		4	2	1	8	22	25
	Total..	21	306	54.3	53.3	23.66	22.97	1	3	10	101	118	73		1	1	1		4	2	1	10	22	29

## KNOTTERS: Female.

Massachusetts.....	Piece..	1	11	54.0	45.5	\$11.16	\$9.39		1	10					1		3	3	3	1				
	Time..	5	83	54.0	50.5	11.17	10.47		2	3	43	35			2		1	22	10	4	22	22		
	Total..	5	94	54.0	49.9	11.17	10.34		2	4	53	35			2		1	1	25	13	7	23	22	
New York.....	Piece..	1	9	54.0	52.4	14.36	13.96			9										1	1	7		
	Time..	2	42	54.0	51.6	9.38	8.97		1	12	29				1		5	15	3	18				
	Total..	3	51	54.0	51.8	10.26	9.85		1	21	29				1		5	15	3	18	1	1	7	
Rhode Island.....	Piece..	1	3	54.0	43.5	13.97	11.65		1	2									1		2			
	Time..	6	81	53.1	49.0	11.42	10.50		7	37	37				1	2	15	9	5	22	5	7	13	2
	Total..	7	84	53.2	48.8	11.51	10.54		8	39	37				1	2	15	9	6	22	5	9	13	2
Other States.....	Time..	5	37	55.0	46.7	11.03	9.39		1	6	17	13		1	1		5	1	1	3	4	10	6	4
All States.....	Piece..	3	23	54.0	47.9	12.78	11.47			2	21						1		3	4	3	2	3	7
	Time..	18	243	53.9	49.6	10.92	10.06		3	17	109	114		1	1		9	3	22	49	22	54	33	33
	Total..	20	266	53.9	49.5	11.08	10.18		3	19	130	114		1	1		9	4	22	52	26	57	35	36

**TABLE H.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Continued.**

## FINISHING—Continued.

## ONE-WEEK PAY ROLLS—Concluded.

State.	Piece workers or time workers.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours worked per employee during one week.	Average full-time weekly earnings.	Average amount earned per employee during one week.	Employees working each classified per cent of full time during one week.						Employees earning each classified amount during one week.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and over.	

## OTHER EMPLOYEES: Male.

Connecticut.....	Time..	2	760	57.9	60.8	\$16.76	\$17.63	11	20	19	120	103	487	9	3	3	7	7	2	7	4	6	9	44	135	189	147	133	55
Massachusetts.....	Piece..	3	30	54.0	52.4	17.25	17.04	....	....	1	16	5	8	1	....	....	....	....	....	....	1	1	1	2	9	4	3	5	3
	Time..	6	3,016	55.8	59.6	15.66	16.83	51	61	93	323	496	1,992	45	12	16	20	26	39	44	68	71	72	339	627	642	312	433	250
	Total..	6	3,046	55.8	59.5	15.68	16.83	51	61	94	339	501	2,000	46	12	16	20	26	39	44	69	72	73	341	636	646	315	438	253
New Jersey.....	Piece..	2	4	55.8	54.8	14.40	14.15	....	....	....	1	3	....	....	....	....	....	....	....	....	....	....	2	2	....	....	....	....	....
	Time..	2	361	56.7	53.0	15.32	14.65	7	17	23	113	85	116	8	7	4	5	4	11	15	13	26	28	45	79	25	25	46	20
	Total..	2	365	56.7	53.0	15.31	14.64	7	17	23	114	88	116	8	7	4	5	4	11	15	13	26	28	47	81	25	25	46	20
New York.....	Piece..	3	44	54.6	51.2	17.29	16.08	....	....	3	16	18	7	....	....	....	....	....	....	1	2	1	3	9	6	8	5	6	2
	Time..	3	988	55.6	59.3	16.67	17.77	17	27	38	117	215	574	15	4	8	5	8	7	8	15	12	32	140	129	158	153	176	118
	Total..	3	1,032	55.6	59.0	16.70	17.70	17	27	41	133	233	581	15	4	8	6	8	7	9	17	13	35	149	135	166	158	182	120



Rhode Island.....	Piece..	4	18	54.1	54.1	21.23	20.67	1	1	...	3	1	12	...	...	1	...	...	...	1	...	...	...	3	3	6	4		
	Time..	7	2,259	55.2	58.4	18.19	19.34	24	48	86	305	614	1,182	16	12	11	16	9	21	24	36	44	63	207	323	326	231	486	434
	Total..	7	2,277	55.2	58.3	18.21	19.35	25	49	86	308	615	1,194	16	12	11	17	9	21	24	37	44	63	207	323	329	234	492	438
Other States.....	Time..	2	486	54.6	54.0	18.47	18.32	2	9	20	40	340	75	2	1	3	2	2	1	4	...	8	9	36	53	117	118	82	48
All States.....	Piece..	12	96	54.4	52.3	17.90	17.16	1	1	4	36	27	27	1	...	...	2	...	...	1	4	2	4	13	17	15	11	17	9
	Time..	22	7,870	55.8	58.7	16.77	17.74	112	182	279	1,018	1,853	4,426	95	39	45	55	56	81	102	136	167	213	811	1,346	1,457	986	1,356	925
	Total..	22	7,966	55.8	58.6	16.79	17.73	113	183	283	1,054	1,880	4,453	96	39	45	57	56	81	103	140	169	217	824	1,363	1,472	997	1,373	934

OTHER EMPLOYEES: Female.

Connecticut.....	Time..	2	144	54.7	50.6	\$11.96	\$11.08	1	5	7	50	81	...	1	1	4	1	1	1	6	12	31	42	36	7	1	...	...	...
Massachusetts.....	Piece..	3	213	53.7	49.2	15.71	14.41	2	4	11	134	62	...	1	1	2	1	...	3	4	3	10	17	58	42	48	18	5	...
	Time..	5	614	53.7	50.5	11.80	11.13	4	8	28	235	339	...	4	1	4	7	41	23	53	62	83	118	142	41	15	19	1	...
	Total..	5	827	53.7	50.1	12.80	11.97	6	12	39	369	401	...	5	2	6	8	41	26	57	65	93	135	200	83	63	37	6	...
New Jersey.....	Piece..	1	5	55.0	42.3	10.89	8.28	...	...	2	3	...	...	...	...	...	...	2	1	2	...	...	...	...	...	...	...	...	...
	Time..	2	81	55.7	49.1	10.17	8.93	1	3	10	29	37	1	1	...	5	5	1	7	15	8	31	7	1	...	...	...	...	...
	Total..	2	86	55.7	48.7	10.22	8.89	1	3	12	32	37	1	1	...	5	5	1	9	16	10	31	7	1	...	...	...	...	...
New York.....	Piece..	2	216	54.0	50.9	11.68	11.05	...	2	12	61	140	...	1	2	6	6	4	10	16	22	22	16	40	33	10	5	2	...
	Time..	3	182	54.0	51.3	10.79	10.23	...	7	8	25	141	1	1	2	2	2	3	4	11	20	85	37	7	6	1	...	1	...
	Total..	3	398	54.0	51.0	11.27	10.67	...	9	20	86	281	2	3	8	8	6	13	20	33	42	107	53	47	39	11	5	3	...
Rhode Island.....	Piece..	4	74	54.0	47.9	16.54	14.84	...	2	11	29	32	...	...	...	1	...	4	5	3	5	2	13	10	13	5	12	1	...
	Time..	7	455	54.0	50.4	13.42	12.53	1	6	28	237	161	22	1	2	1	5	5	12	27	52	46	79	88	76	46	7	2	6
	Total..	7	529	54.0	50.0	13.86	12.85	1	8	39	266	193	22	1	2	1	6	5	16	32	55	51	81	101	86	59	12	14	7
Other States.....	Time..	1	107	54.0	49.4	18.08	16.32	...	3	4	42	58	...	...	...	...	...	...	2	2	6	6	15	15	23	23	14	1	...
All States.....	Piece..	10	508	53.9	49.7	14.07	12.98	2	8	36	227	234	1	3	7	8	6	10	25	32	30	37	35	111	85	71	28	19	1
	Time..	20	1,583	54.0	50.4	12.51	11.66	7	32	85	618	817	24	8	6	16	20	51	47	114	156	282	289	289	145	86	49	18	7
	Total..	20	2,091	54.0	50.2	12.89	11.98	9	40	121	845	1,051	25	11	13	24	26	61	72	146	186	319	324	400	230	157	77	37	8

**TABLE H.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS BY STATES, 1918—Continued.**

## FINISHING—Continued.

## TWO-WEEK PAY ROLLS.

State.	Piece workers or time workers.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours worked per employee during two weeks	Average full-time bi-weekly earnings.	Average amount earned per employee during two weeks.	Employees working each classified per cent of full time during two weeks.							Employees earning each classified amount during two weeks.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$10.	\$10 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and under \$40.	\$40 and under \$50.	\$50 and under \$60.	\$60 and under \$70.	\$70 and over.		
LABORERS, BLEACH HOUSE: Male.																															
All States.....	Piece..	1	1	108.0	95.2	\$34.78	\$30.62				1																				
	Time..	3	70	111.6	109.4	29.34	29.32		5	2	17	18	28					2	2	2		2	1	6	21	25	9				
	Total..	3	71	111.5	109.2	29.42	29.34		5	2	18	18	28					2	2	2		2	1	6	21	26	9				
LABORERS, DYEHOUSE: Male.																															
New Hampshire.....	Time..	2	377	109.9	108.8	\$33.42	\$33.18	6	7	19	49	167	129		2		5	1		3	2	11	12	31	271	35	3	1			
North Carolina.....	Time..	4	71	120.0	98.4	21.16	17.77	5	8	8	25	2	23			4	4	3	3	1	3	16	21	10	1						
Other States.....	Time..	2	31	120.0	110.5	21.90	20.10		1	7	3	7	13					1	2	3	1	11	9	2	1	1					
	Total..	8	479	112.1	107.3	30.86	30.05	11	16	34	77	176	165	5	2	4	9	5	5	7	6	38	42	43	273	36	3	1			

LABORERS, COLOR MIXING: Male.

All States.....	Time..	2	15	119.6	111.8	\$37.02	\$35.21			1	7		7						1			2	3	3	5	1		
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ENGRAVERS: Male.

All States.....	Time..	1	12	102.5	103.2	\$60.01	\$60.39				4	6	2													2	2	7	1
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PRINTERS: Male.

All States.....	Time..	1	9	110.0	81.8	\$69.96	\$52.01			2		7														2			4	3	
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CALENDER TENDERS: Male.

All States.....	Time..	3	15	111.2	114.1	\$33.53	\$34.44				1	2	12													1	13	1			
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FOLDERS: Male.

New Hampshire.....	Piece..	1	10	108.0	101.8	\$43.16	\$40.62				8	2															7	5	5			
	Time..	2	32	108.0	109.4	39.47	39.87			1	5	19	7														7	11	4	1		
	Total..	2	42	108.0	107.6	40.35	40.05			1	13	21	7														7	14	16	4	1	
Other States.....	Time..	1	12	109.5	106.5	40.32	39.25				6	6															6	6				
All States.....	Piece..	1	10	108.0	101.8	43.16	40.62				8	2																5	5			
	Time..	3	44	108.4	108.6	39.70	39.70			1	11	25	7														7	15	17	4	1	
	Total..	3	54	108.3	107.3	40.34	39.87			1	19	27	7														7	20	22	4	1	

KNOTTERS: Female.

All States.....	Piece..	2	13	108.0	96.9	\$27.33	\$24.20			1	11	1															9	4				
	Time..	3	13	108.0	103.9	21.96	21.16				8	5														6	6	1				
	Total..	3	26	108.0	100.4	24.67	22.68			1	19	6														6	15	5				

TABLE H.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT DURING ONE PAY-ROLL PERIOD, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Concluded.

## FINISHING—Concluded.

## TWO-WEEK PAY ROLLS—Concluded.

State.	Piece workers or time work- ers.	Num- ber of estab- lish- ments	Num- ber of em- ploy- ees.	Aver- age full- time hours per two weeks of estab- lish- ments.	Aver- age hours work- ed per em- ploy- ee dur- ing two weeks	Aver- age full- time bi- week- ly earn- ings.	Aver- age amount earned per em- ployee dur- ing two weeks.	Employees working each classified per cent of full time during two weeks.							Employees earning each classified amount during two weeks.																
								Under 25.	25 and under 50.	50 and under 75.	75 and under 100.	100.	Over 100.	Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$10.	\$10 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and under \$40.	\$40 and under \$50.	\$50 and under \$60.	\$60 and under \$70.	\$70 and over		

## OTHER EMPLOYEES: Male.

New Hampshire.....	Piece..	1	4	108.0	87.0	\$40.58	\$32.23					1									1		3							
	Time..	2	248	110.8	110.8	37.27	37.77	4	6	22	22	60	134	2		1	2	1	2	6	3	11	14	38	57	59	37	11		4
	Total..	2	252	110.8	110.4	37.32	37.68	4	6	23	24	61	134	2		1	2	1	2	6	3	11	15	38	60	59	37	11		4
Other States.....	Piece..	1	4	120.0	115.5	35.43	34.08				3	1											1	3						
	Time..	1	270	122.2	104.6	32.06	28.23	27	22	21	59	51	90	15	4	2	8	6	7	6	9	13	39	39	72	28	12	9		1
	Total..	1	274	122.2	104.7	32.11	28.31	27	22	21	62	52	90	15	4	2	8	6	7	6	9	13	39	40	75	28	12	9		1
All States.....	Piece..	2	8	114.0	101.3	38.01	33.16			1	5	2										1		6						
	Time..	3	518	116.7	107.6	34.56	32.80	31	28	43	81	111	224	17	4	3	10	7	9	12	12	24	53	77	129	87	49	20		5
	Total..	3	526	116.7	107.5	34.61	32.80	31	28	44	86	113	224	17	4	3	10	7	9	12	12	24	54	78	135	87	49	20		5



**OTHER EMPLOYEES: Female.**

[illegible]

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